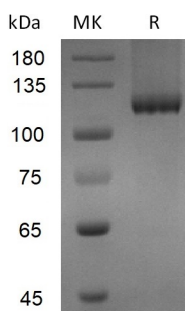


## 概述 (Summary)

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | TGFBR3/Transforming growth factor beta receptor type 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 纯度 (Purity)                 | Greater than 95% as determined by reducing SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 内毒素 (Endotoxin level)       | <1 EU/μg as determined by LAL test.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 蛋白构建 (Construction)         | Recombinant Mouse Transforming Growth Factor Beta Receptor Type 3 is produced by our Mammalian expression system and the target gene encoding Gly23-Thr785 is expressed with a 6His tag at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                    |
| Accession #                 | A0A0R4J097                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 蛋白标签 (Tag)                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 表达宿主 (Host)                 | Human Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 种属 (Species)                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 预测分子量 (Predicted MW)        | 85.9 KDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 蛋白形态 (Form)                 | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 储存缓冲液 (Buffer)              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 运输方式 (Shipping)             | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 稳定性&储存 (Stability &Storage) | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                          |
| 复溶 (Reconstitution)         | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## 电泳图 (SDS-PAGE image)

**Product Name: Recombinant Mouse TGFBR3 (C-6His)**  
**Catalog #: PHM2206**



## 背景 (Background)

### 分子别名 (Alternative Names)

BGCAN; TBR111; TGF-beta receptor type 3; TGF-beta receptor type III; TGF-beta R111; TGFbetaR111; TGFBR3; TGF-bR111; TGFR-3; Transforming growth factor beta receptor III

### 背景介绍 (References)

Transforming growth factor beta receptor III (TGF-beta R111; also betaglycan) is a ubiquitously expressed, 280 kDa type I transmembrane proteoglycan member of the TGF-beta superfamily of proteins. This receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. TGF-beta R111 can enhance or inhibit cell signaling. TGF-beta R111 has been shown to play an essential role in the formation of the atrioventricular cushion and coronary vessels during development of the heart. TGF beta R111 also plays a role in many cancers. Increased expression of TGF beta R111 is found in higher grade lymphomas, and reduced expression of TGF beta R111 is found with advanced stage neuroblastomas and ovarian carcinomas. Low TGF-beta R111 expression also correlates with higher grade among a cohort of breast cancers. TGFBR3 is known to be expressed in adult testis and ovary, but little is known about this receptor during gonadogenesis.

## 注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.