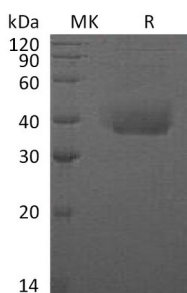


## 概述 (Summary)

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | ANTXR1/TEM8/Anthrax toxin receptor 1/ATR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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 Human Anthrax Toxin Receptor 1 is produced by our Mammalian expression system and the target gene encoding Glu33-Lys321 is expressed with a 6His tag at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                                           |
| Accession #                 | Q9H6X2-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 蛋白标签 (Tag)                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 表达宿主 (Host)                 | Human Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 种属 (Species)                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 预测分子量 (Predicted MW)        | 33.56 KDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 蛋白形态 (Form)                 | Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 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) | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.                                                                                                                                                                                                                                                                                                                                                 |
| 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 Human ANT XR1 (C-6His)**  
**Catalog #: PHH0077**



## 背景 (Background)

### 分子别名 (Alternative Names)

Anthrax Toxin Receptor 1; Tumor Endothelial Marker 8; ANT XR1; ATR; TEM8

### 背景介绍 (References)

Anthrax Toxin Receptor 1 (ANT XR1) is a single-pass type I membrane protein that belongs to the ATR family. ANT XR1 contains one VWFA domain and binds PA through the VWA domain. ANT XR1 is highly expressed in tumor endothelial cells. ANT XR1 plays a role in cell attachment and migration. ANT XR1 interacts with extracellular matrix proteins and the actin cytoskeleton, it mediates adhesion of cells to type 1 collagen and gelatin, reorganization of the actin cytoskeleton and promotes cell spreading. It is also involved in the angiogenic response of cultured umbilical vein endothelial cells, up-regulated in cultured angiogenic umbilical vein endothelial cells. Defects in ANT XR1 are associated with susceptibility to hemangioma capillary infantile (HCI).

## 注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.