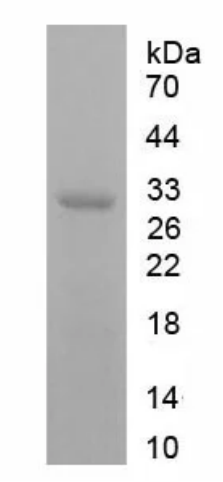
# Recombinant Immunoglobulin Transcription Factor 1 (ITF1)(N-6His)

*Catalog#:PEM22423*

## 概述（Summary）

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|---|---|
| **别称（Alternative Names）** | TCF3; E2A; VDIR; Transcription Factor 3; E2A Immunoglobulin Enhancer Binding Factors E12/E47; Transcription Factor E2-alpha; VDR Interacting Repressor |
| **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）** | 6His-【Ala421-Leu599】 |
| **Accession #** | P15806 |
| **表达宿主（Host）** | E.coli |
| **种属（Species）** | Mus musculus (Mouse) |
| **预测分子量（Predicted MW）** | 23.2 kDa |
| **制剂（Form）** | Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **运输方式（Shipping）** | The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | 12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles. |
| **复溶（Reconstitution）** | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. |
| **背景介绍（References）** | Transcriptional regulator involved in the initiation of neuronal differentiation and mesenchymal to epithelial transition. Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Together with TCF15, required for the mesenchymal to epithelial transition. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer. Binds to IEB1 and IEB2, which are short DNA sequences in the insulin gene transcription control region. |

## 电泳图（SDS-PAGE image）




Greater than 95% as determined by reducing SDS-PAGE.

## 注意事项（Note）

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