

Recombinant human TIAF1 protein

Catalog Number: ATGP1708

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-115aa

UniProt No.

O95411

NCBI Accession No.

NP_004731

Alternative Names

TGFB1-induced anti-apoptotic factor 1, MAJN, SPR210

PRODUCT SPECIFICATION

Molecular Weight

16.6 kDa (152aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TGFB1-induced anti-apoptotic factor 1, also known as TIAF1, inhibits the cytotoxic effects of TNF-alpha and overexpressed TNF receptor adapters TRADD, FADD, and RIPK1. This protein involved in TGF-beta1 inhibition of IkappaB-alpha expression and suppression of TNF-mediated IkappaB-alpha degradation. Recombinant human TIAF1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMSS PSSPFREQSF LCAAGDAGEE SRVQVLKNEV

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RRGSPVLLGW VEQAYADKCV CGPSAPPAPT PPSLSQRVMC NDLFKVNPFFQ LQQFRADPST ASLLLCPPGGL DHKLNLRGKAWG

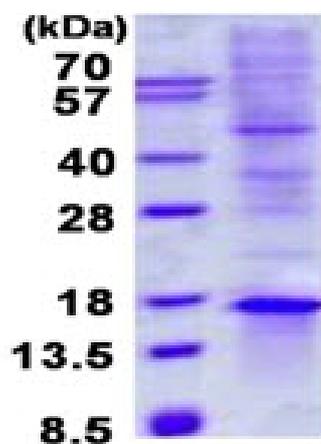
General References

Chang N.-S., et al. (1998) *Biochem. Biophys. Res. Commun.* 253:743-749

van der Leij J., et al. (2003) *Transplantation.* 75:2076-2082

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)