9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TIAF1 Human

TGFB1-Induced Anti-Apoptotic Factor 1 Human Recombinant
RCP2376

Product Overview

Name	TIAF1 Human

Description

TGFB1-Induced Anti-Apoptotic Factor 1 Human Recombinant

Accession (Primary)	O95411

Synonyms

TGFB1-Induced Anti-Apoptotic Factor 1, 12 KDa TGF-Beta-1-Induced Antiapoptotic Factor, Molecule Associated With Jak-3 N-Terminal, KIAA0216, MYO18A, MYSPDZ, MAJN, SPR210.

Introduction

TGFB1-induced anti-apoptotic factor 1 (TIAF1) hinders the cytotoxic effects of TNF-alpha and overexpressed TNF receptor adapters TRADD, FADD, and RIPK1. The TIAF1 protein is involved in TGF-beta1 inhibition of IkappaB-alpha expression and suppression of TNF-mediated IkappaB-alpha degradation. TIAF1 is not detected in normal kidney and liver. TIAF1 is up-regulated in chronic and acute allograft rejection: expressed in the inflammatory infiltrate and in tubular epithelial cells.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The TIAF1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSH MSS PSSPFREQSF LCAAGDAGEE SRVQVLKNEV RRGSPVLLGW VEQAYADKCV CGPSAPPAPT PPSLSQRVMC NDLFKVNPFQ LQQFRADPST ASLLLCPGGL DHKLNLRGKA WG

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Precautions

TIAF1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O95411)