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

TIAL1 Human

TIAL1 Human Recombinant
RCP2377

Product Overview

Name	TIAL1 Human
Description	
TIAL1 Human Recombinant	
Accession (Primary)	Q01085
Synonyms	
TCBP, TIAR, TIA1 cytotoxic granule-associated RNA binding protein-like 1, TIA-1-related protein.	
Introduction	
TIAL1 belongs to a family of RNA-binding proteins, it has 3 RNA recognition motifs (RRMs), and binds adenine and uridine-rich elements in mRNA and pre-mRNAs of a extensive range of genes. TIAL1 regulates a variety of activities including translational control, splicing and apoptosis. TIAL1 different isoforms function differently with respect to post-transcriptional silencing.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
TIAL1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 50% glycerol, 2mM DTT and 1mM EDTA .	
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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSM MEDDGQ PRTLYVGNLS RDVTEVLILQ LFSQIGPCKS CKMITEHTSN DPYCFVEFYE HRDAAAALAA MNGRKILGKE VKVNWATTPS SQKKDTSNHF HVFVGDLSPE ITTEDIKSAF APFGKISDAR VVKDMATGKS KGYGFVSFYN KLDAENAIVH MGGQWLGGRQ IRTNWATRKP PAPKSTQENN TKQLRFEDVV NQSSPKNCTV YCGGIASGLT DQLMRQTFSP FGQIMEIRVF PEKGYSFVRF STHESAAHAI	

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VSVNGTTIEG HVVKCYWGKE SPDMTKNFQQ VDYSQWGQWS QVYGNPQQYG QYMANGWQVP PYGVYGQPWN QQGFGVDQSP SAAWMGGFGA QPPQGQAPPP VIPPPNQAGY GMASYQTQ.

Precautions

TIAL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q01085)