

TIAL1 recombinant protein

Recombinant Human TIAL1

CATALOG #
AAA37988

PRODUCT SYNONYMS

TIAL1; Recombinant Human TIAL1; TIAL1 Human; TIAL1 Human Recombinant; TCBP; TIAR; TIA1 cytotoxic granule-associated RNA binding protein-like 1; TIA-1-related protein; TIAL1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	TIAL1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 50% glycerol, 2mM DTT and 1mM EDTA
Sequence	MGSSHHH HHHSSGLVPR GSHMGSMMEDDGQPRT LYVGNLSRDV TEVLILQLFS QIGPCKSCKM ITEHTSNDPY CFVEFYEHDR AAAALAAMNG RKILGKEVKV NWATTPSSQK KDTSNHFHVF VGDLSPEITT EDIKSAFAPF GKISDARVVK DMATGKSKGY GFVSFYNKLD AENAIVHMGG QWLGGRQIRT NWATRKPPAP KSTQENNTKQ LRFEDVVNQSPKNCTVYCG GIASGLTDQL MRQTFSPFGQ IMEIRVFPEK GYSFVRFSTH ESAAHIVSV NGTTIEGHVV KCYWGKESPD MTKNFQQVDY SQWGQWSQVY GNPQQYGYM ANGWQVPPYG VYGQPWNQQG FGVDQSPSAA WMGGFGAQPP QGQAPPPVIP PPNQAGYGMA SYQTQ
Sequence Length	392
Source	E.Coli
Physical Appearance	Sterile Filtered clear solution.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for TIAL1 recombinant 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. Description: TIAL1 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 398 amino acids (1-375 a.a) and having a molecular mass of 44.0kDa. TIAL1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for TIAL1 recombinant protein	Recombinant & Natural Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	77695912
NCBI GeneID	7073
NCBI Accession #	NP_001029097.1
NCBI GenBank Nucleotide #	NM_001033925.1

UniProt Accession #	Q01085 ; A8K3T0 ; A8K4L9
NCBI Official Full Name	nucleolysin TIAR isoform 2
NCBI Official Synonym Full Names	TIA1 cytotoxic granule-associated RNA binding protein-like 1
NCBI Official Symbol	TIAL1
NCBI Official Synonym Symbols	TCBP; TIAR
NCBI Protein Information	nucleolysin TIAR
UniProt Protein Name	Nucleolysin TIAR
UniProt Gene Name	TIAL1
UniProt Entry Name	TIAR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tial1-recombinant-protein/37988>