

## 32-5084: Recombinant Human TIAL1

**Alternative Name :** TCBP,TIAR,TIA1 cytotoxic granule-associated RNA binding protein-like 1,TIA-1-related protein.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	TIAL1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4),50% glycerol, 2mM DTT and 1mM EDTA .
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHH SSGLVPRGSH MGSMMEDDGQ PRTLYVGNLS RDVTEVLILQ LFSQIGPCKS CKMITEHTSN DPYCFVEFYE HRDAAAALAA MNGRKILGKE VKVNWATTPS SQKKDTSNHF HVFVGDLSPE ITTEDIKSAF APFGKISDAR VVKDMATGKS KGYGFVSFYN KLDAENAIVH MGGQWLGGRRQ IRTNWATRKP PAPKSTQENN TKQLRFEDVV NQSSPKNCTV YCGGIASGLT DQLMRQTFSP FGQIMEIRVF PEKGYSFVRF STHESAAHAI VSVNGTTIEG HVVKCYWGKE SPDMTKNFQQ VDYSQWGQWS QVYGNPQQYG QYMANGWQVP PYGVYGQPWN QQGFGVDQSP SAAWMGGFGA QPPQGQAPP VIPPPNQAGY GMASYQTQ.