

TSN recombinant protein

TSN, 1-228aa, Human, E Coli

CATALOG # AAA48679	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

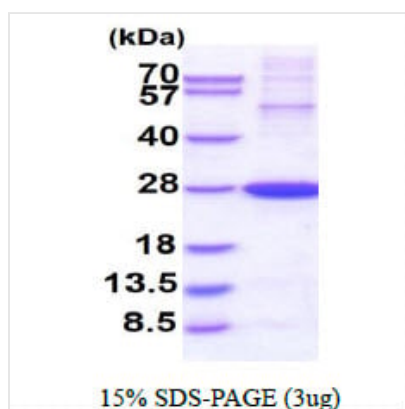
PRODUCT SYNONYMS

TSN; 1-228aa; Human; E Coli; Translin; BCLF-1; RCHF1; REHF-1; TBRBP; TRSLN; TSN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol. 100mM NaCl
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MSVSEIFVEL QGFLAAEQDI REEIRKVVQS LEQTAREILT LLQGVHQGAG FQDIPKRCLK AREHFGTVKT HLTSLKTKFP AEQYYRFHEH WRFVLQRLVF LAAFVVYLET ETLVTREAVT EILGIEPDRE KGFHLDVEDY LSGVLILASE LSRLSVNSVT AGDYSRPLHI STFINELDSG FRLNLKNDS LRKRYDGLKY DVKKVEEVVY DLSIRGFNKE TAAACVEK
Sequence Length	228
Applicable Applications for TSN recombinant protein	SDS-PAGE
Antigen Species	Human
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TSN recombinant protein	Translin, also known TSN, is a DNA and RNA binding protein which specifically recognizes conserved target sequences at the breakpoint junction of chromosomal translocations. Translin forms a ring-shaped structure, which is responsible for DNA binding, and also contains a leucine zipper motif, which is thought to enable translin to form dimers. Translin exports specific mRNAs out of the nucleus, supported by its localization in both the nuclei and cytoplasm of neurons, and regulates their translation. Recombinant human Translin protein, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for TSN recombinant protein	Transportation
References	Gu W., et al. (1998) Mol Reprod Dev. 49:219-228.; Aoki K., et al. (1999) FEBS Lett. 443:363-366.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759270
NCBI GeneID	7247
NCBI Accession #	NP_004613
NCBI GenBank Nucleotide #	NM_004622.2
UniProt Accession #	Q15631; Q5U0K7; B7Z3X8
Molecular Weight	26.1kDa (228aa) confirmed by MALDI-TOF
NCBI Official Full Name	translin isoform 1
NCBI Official Synonym Full Names	translin
NCBI Official Symbol	TSN
NCBI Official Synonym Symbols	C3PO; RCHF1; TBRBP; TRSLN; BCLF-1; REHF-1
NCBI Protein Information	translin
UniProt Protein Name	Translin
UniProt Gene Name	TSN
UniProt Synonym Gene Names	C3PO

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.