

Translin-Associated Factor X Recombinant Protein | TSNAX recombinant protein

Recombinant Human Translin-Associated Factor X

CATALOG # AAA39042	HOST E Coli
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PRODUCT SYNONYMS

Translin-Associated Factor X; Recombinant Human Translin-Associated Factor X; TSNAX Human; Translin-Associated Factor X Human Recombinant; TRAX; Translin-associated protein X; Translin-associated factor X; TSNAX recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	TSNAX protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 50% glycerol and 1mM DTT. Sterile Filtered clear solution.
Concentration	0.25mg/ml (varies by lot)
Sequence	MGSSHHH HHHSSGLVPR GSHMGS MSNKEGSGGF RKRKHDNFPH NQRREGKDVN SSSPVMLAFK SFQQELDARH DKYERLVKLS RDITVESKRT ILLHRITSA PDMEDILTES EIKLDGVRQK IFQVAQELSG EDMHQFHRAI TTGLQEYVEA VSFQHFQIKR SLISMDEINK QLIFTTEDNG KENKTPSSDA QDKQFGTWRL RVTPVDYLLG VADLTGELMR MCINSVGNPD IDTPFEVSQF LRQVYDGFSE IGNTGPYEVS KKLYTLKQSL AKVENACYAL KVRGSEIPKH MLADVFSVKT EMIDQEEGIS
Sequence Length	290
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 Degree 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 TSNAX recombinant protein	Description: TSNAX Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 313 amino acids (1-290 a.a.) and having a molecular mass of 35kDa. TSNAX is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: TSNAX is a member of translin family. TSNAX particularly interacts with translin, a DNA-binding protein that binds consensus sequences at breakpoint junctions of chromosomal translocations. TSNAX works in combination with TSN as an endonuclease involved in the activation of the RNA-induced silencing complex (RISC). TSNAX has bipartite nuclear targeting sequences that afford nuclear transport for translin, which lacks any nuclear targeting motifs.
Product Categories/Family for TSNAX recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174731
NCBI GeneID	7257
NCBI Accession #	NP_005990.1

NCBI GenBank Nucleotide #	NM_005999.2
UniProt Accession #	Q99598 ; B1APC6
NCBI Official Full Name	translin-associated protein X
NCBI Official Synonym Full Names	translin-associated factor X
NCBI Official Symbol	TSNAX
NCBI Official Synonym Symbols	TRAX
NCBI Protein Information	translin-associated protein X; translin-like protein
UniProt Protein Name	Translin-associated protein X
UniProt Gene Name	TSNAX
UniProt Synonym Gene Names	TRAX
UniProt Entry Name	TSNAX_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/tsnax-recombinant-protein-e-coli/39042>