

Recombinant Human translin-associated factor X, His-tagged

Cat. No. TSNAX-380H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TSNAX, 1-290 aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-290 a.a.
Description	TSNAX is a protein which specifically interacts with translin, a DNA-binding protein that binds consensus sequences at breakpoint junctions of chromosomal translocations. The protein contains bipartite nuclear targeting sequences that may provide nuclear transport for translin, which lacks any nuclear targeting motifs. Recombinant human TSNAX protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT
Molecular Mass	35 kDa (313aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNSKEGS GGFRKRKHDN FPHNQRREGK DVNSSSPVML AFKSFQQELD ARHDKYERLV KLSRDITVES KRTIFLLHRI TSAPDMEDIL TESEIKLDGV RQKIFQVAQE LSGEDMHQFH RAITTGLQEY VEAVSFQHF I KTRSLISMDE INKQLIFTTE DNGKENKTPS SDAQDKQFGT WRLRVTPVDY LLGVADLTGE LMRMCINSVG NGDIDTPFEV SQFLRQVYDG

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FSFIGNTGPY EVSKKLYTLK QSLAKVENAC YALKVRGSEI PKHMLADVFS
VKTEMIDQEE GIS

Purity >90% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name TSNAX translin-associated factor X [Homo sapiens]

Official Symbol TSNAX

Synonyms TSNAX; translin-associated factor X; translin-associated protein X; TRAX; translin-like protein;

Gene ID 7257

mRNA Refseq NM_005999

Protein Refseq NP_005990

MIM 602964

UniProt ID Q99598

Chromosome Location 1q42.2

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Function

DNA binding; protein transporter activity; sequence-specific DNA binding;

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