

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	<p>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.</p>
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	<p>MGSSHHHHHH SSGLVPRGSH MGSMSNKEGS GGFRKRKHDN FPHNQRREGK DVNSSSPVML AFKSFQQELD ARHDKYERLV KLSRDITVES KRTIFLLHRI TSAPDMEDIL TESEIKLDGV RQKIFQVAQE LSGEDMHQFH RAITTGLQEY VEAVSFQHFV KTRSLISMDE INKQLIFTE DNGKENKTPS SDAQDKQFGT WRLRVTPVDY LLGVADLTGE LMRMCINSVG NGDIDTPFEV SQFLRQVYDG</p>

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FSFIGNTGPY EVSKKLYTLK QSLAKVENAC YALKVVRGSEI 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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