

32-5149: Recombinant Human Translin-Associated Factor X

Alternative Name : TRAX, Translin-associated protein X, Translin-associated factor X.

Description

Source : Escherichia Coli. 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. 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 Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	TSNAX protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 50% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSMSNKEGS GGFRKRKHDN FPHNQRRREGK DVNSSSPVML AFKSFQQELD ARHDKYERLV KLSRDITVES KRTIFLLHRI TSAPDMEDIL TESEIKLDGV RQKIFQVAQE LSGEDMHQFH RAITTGLQEY VEAVSFQHF I KTRSLISMDE INKQLIFTTE DNGKENKTPS SDAQDKQFGT WRLRVTPVDY LLGVADLTGE LMRMCINSVG NGDIDTPFEV SQFLRQVYDG FSFIGNTGPY EVSKKLYTLK QSLAKVENAC YALKVRGSEI PKHMLADVFS VKTEMIDQEE GIS.