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32-4362: Recombinant Human NTF2-like Export Factor 1

Alternative Name : NTF2-like export factor 1,MTR2,Protein P15,NTF2-related export protein 1,NUTF-like export factor 1,NTX2-like export factor1.

Description

Source : Escherichia Coli. NXT1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 160 amino acids (1-140a.a.) and having a molecular mass of 18.0kDa. The NXT1 is purified by proprietary chromatographic techniques. NXT1 operates as a nuclear export factor in both RAN and CRM1 dependent pathways. NXT1 is known to stimulate the export of U1 snRNA in RAN (Ras-related nuclear protein) and CRM1 (chromosome region maintenance) dependent pathways and the export of tRNA and mRNA in a CRM1-independent pathway. This protein heterodimerizes with Tap protein and regulates the ability of Tap protein to intermediate nuclear mRNA export.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The NXT1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 20% glycerol and 0.1M NaCl.
Storage condition :	NXT1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MASVDFKTYV DQACRAAEEF VNVYYTTMDK RRRLLSRLYM GTATLVWNGN AVSGQESLSE FFEMLPSSEF QISVVDCQPV HDEATPSQTT VLVVICGSVK FEGNKQRDFN QNFILTAQAS PSNTVWKIAS DCFRFQDWAS.

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