Recombinant Human NTF2-like Export Factor 1, T7-tagged

Cat. No. NXT1-2951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NXT1 was produced in*E.coli*with a T7 tag at N-terminus. MW = 15847 Da (1-140 aa).
Species	Human
Source	E.coli
ProteinLength	1-140 a.a.
Description	The protein encoded by this gene is located in the nuclear envelope. It has protein similarity to nuclear transport factor 2. This protein functions as a nuclear export factor in both RAN (Ras-related nuclear protein)- and CRM1 (required for chromosome region maintenance)-dependent pathways. It is found to stimulate the export of U1 snRNA in RAN- and CRM1-dependent pathways and the export of tRNA and mRNA in a CRM1-independent pathway. The encoded protein heterodimerizes with Tap protein and may regulate the ability of Tap protein to mediate nuclear mRNA export. The use of alternate polyadenylation sites has been found for this gene.
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN3.
Purity	95%.
Applications	MS. SDS.

GENE INFORMATION

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Gene Name	NXT1 NTF2-like export factor 1 [Homo sapiens]
Synonyms	NXT1; NTF2-like export factor 1; P15; MTR2; NTF2-related export protein 1; protein p15; NTX2-like export factor1; NUTF-like export factor 1
Gene ID	29107
mRNA Refseq	NM_013248
Protein Refseq	NP_037380
MIM	605811
UniProt ID	Q9UKK6
Chromosome Location	20p12-p11.2
Function	Ran GTPase binding; protein binding

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PDB rendering based on 1jkg.	

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