

# Recombinant Human NTF2-Like Export Factor 1, His-tagged

**Cat. No.** NXT1-3523H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human NXT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-140aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	NXT1 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. This protein heterodimerizes with Tap protein and may regulate the ability of Tap protein to mediate nuclear mRNA export.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl
<b>Molecular Weight</b>	18.0 kDa (160aa) confirmed by MALDI-TOF
<b>Purity</b>	>85% by SDS - PAGE
<b>Concentration</b>	0.25 mg/ml (determined by BCA assay)
<b>Sequences of amino acids</b>	MGSSHHHHHH SGLVPRGSH MASVDFKTYV DQACRAAEF VNVYYTTMDK RRRLLSRLYM GTATLVWNGN AVSGQESLSE FFEMLPSSSEF QISVVDCQPV HDEATPSQTT VLVVICGSVK FEGNKQRDFN QNFILTAQAS PSNTVWKIAS

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DCFRFQDWAS

**Storage**

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

## GENE INFORMATION

**Gene Name**

NXT1 NTF2-like export factor 1 [ Homo sapiens ]

**Synonyms**

NXT1; NTF2-like export factor 1; P15; MTR2; protein p15; NTX2-like export factor1; NUTF-like export factor 1; NTF2-related export protein 1

**Gene ID**

29107

**mRNA Refseq**

NM\_013248

**Protein Refseq**

NP\_037380

**MIM**

605811

**UniProt ID**

Q9UUK6

**Chromosome  
Location**

20p12-p11.2

**Function**

Ran GTPase binding; protein binding

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