

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

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

[Q9UKK6](#)

**Chromosome
Location**

20p12-p11.2

Function

Ran GTPase binding; protein binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA