

Recombinant Human Nuclear Transport Factor 2-like Export Factor 2, His-tagged

Cat. No. NXT2-5546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanNXT2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Description	NXT2 is a member of NXT family proteins that are generally involved in exporting nuclear RNA in eukaryotic cells. This protein is a regulator of protein export for NES-containing proteins. Also, it associates with NXF1, NXF2, NXF3 and NXF5 and plays a role in mRNA nuclear export. NXT2 has a critical role in maintaining morphogenetic integrity of embryonic heart invertebrate species.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 40% glycerol, 200mM NaCl.
Molecular Weight	25.3 kDa (221aa), confirmed by MALDI-TOF.
Purity	> 95% by SDS-PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MGS HMRKYRSHWSQGDREGY QRRSNYYEGP HTSHSSPADR TREEVVTPTL PEHTATRSQM ATSLDFKTYV DQACRAAEFVNIIYETMDK RRRALTRLYL DKATLIWNGN AVSGLDALNN FFDTLPSSSEF QVNMLDCQPV HEQATQSQTTLVVVTSQTVK FDGNKQHFFN

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QNFLLLTAQST PNNTVWKIAS DCFRFQDWSS S

Storage

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

OfficialSymbol

NXT2

nullValue_other

Pathways

Exonjunction complex (EJC); Influenza A; RNA transport; Ribosome biogenesis i
neukaryotes; mRNA surveillance pathway

GENE INFORMATION

Gene Name

[NXT2nuclear transport factor 2-like export factor 2 \[Homo sapiens \]](#)

Synonyms

NXT2; nucleartransport factor 2-like export factor 2; P15-2;
OTTHUMP00000023840;OTTHUMP00000023841; OTTHUMP00000023842;
OTTHUMP00000023843; NTF2-relatedexport protein 2; BM-025; DC9; Protein p15-2

Gene ID

[55916](#)

mRNA Refseq

[NM_018698](#)

Protein Refseq

[NP_061168](#)

MIM

[300320](#)

UniProt ID

[Q9NPJ8](#)

**Chromosome
Location**

Xq22.3

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