

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. coliand purified by using conventional chromatography techniques.
Species	Human
Description	NXT2 isa member of NXT family proteins that are generally involved in exportingnuclear RNA in eukaryotic cells. This protein is regulatorof 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 acritical 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 aminoacids	MGSSHHHHHH SSGLVPRGSH MGS HMRKYRSHWSQGDREGY QRRSNYYEGP HTSHSSPADR TREEVVTPTL PEHTATRSQM ATSLDFKTYV DQACRAAEFVNIIYETMDK RRRALTRLYL DKATLIWNGN AVSGLDALNN FFDTLPSSSEF QVNMLDCQPV HEQATQSQTTLVVTSGTVK FDGNKQHFFN

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QNFLLTAAQST PNNTVWIKIAS 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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