

Recombinant Human NXT1 protein, T7-tagged

Cat. No. NXT1-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NXT1 (140 aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	140 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFMAVDFKTYVDQACRAAEFVNVYYTTMDKRRRLLSRLY MGTATLVWNGNAVSGQESLSE FFEMLPSSSEFQISVDCQPVHDEATPSQTTVLVVI CGSVKFEGNKQRDFNQNFILTAQASPSNTVWKIASDCFRF QDWAS
Purity	>90% by SDS-PAGE.
Applications	1. May be used for in vitro NXT1 mediated target specific mRNA nuclear export pathway regulation study with intracellular delivery of this protein.2. As soluble / native protein, may be used as enzymatic substrate protein for kinase and ubiquitin assay development.3. May be used for mapping NXT1 protein-protein interaction.4. May be used as antigen for specific antibody development.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

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GENE INFORMATION

Gene Name	NXT1 NTF2-like export factor 1 [Homo sapiens]
Official Symbol	NXT1
Synonyms	NXT1; NTF2-like export factor 1; NTX2 like export factor1; NTF2-related export protein 1; MTR2; P15; protein p15
Gene ID	29107
mRNA Refseq	NM_013248
Protein Refseq	NP_037380
MIM	605811
UniProt ID	Q9UKK6
Chromosome Location	20p12-p11.2
Pathway	Exon junction complex (EJC), organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;
Function	Ran GTPase binding; protein binding;

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