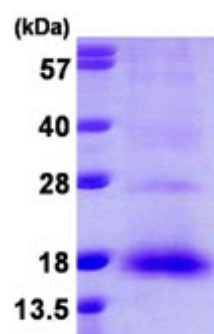


AR09985PU-L

Human NXT1 (1-140, His-tag) - Purified

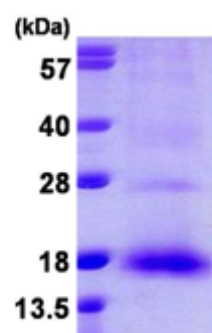
Alternate names:	NTF2-related export protein 1
Quantity:	0.25 mg
Concentration:	0.25 mg/ml (determined by BCA assay)
Background:	NXT1 functions as a nuclear export factor in both RAN (Ras-related nuclear protein) and CRM1 (required for chromosome region maintenance) dependent pathways. It is found to 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.
Uniprot ID:	Q9UJKK6
NCBI:	NP_037380
GeneID:	29107
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl
Description:	Recombinant human NXT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MASVDFKTYV DQACRAAEF VNVYYTTMDK RRRLLSRLYM GTATLVWNGN AVSGQESLSE FFEMLPSEF QISVVCQPV HDEATPSQTT VLVVICGSVK FEGNKQRDFN QNFILTAQAS PSNTVWKIAS DCFRFQDWAS Molecular weight: kDa (160aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Ossareh-Nazari B., et al. (2000) Mol. Cell. Biol. 20:4562-4571.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human NXT1, 1-140aa, His-tagged



15% SDS-PAGE (3ug)