

AR50265PU-S**Human NXT2 (1-197, His-tag) - Purified**

Alternate names:	BM-025, DC9, NTF2-related export protein 2
Quantity:	0.1 mg
Concentration:	1mg/ml (determined by Bradford assay)
Background:	NXT2 (nuclear transport factor 2-like export factor 2) is a member of NXT family proteins that are generally involved in exporting nuclear RNA in eukaryotic cells. This protein is 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 in vertebrate species.
Uniprot ID:	Q9NPI8
NCBI:	NP_061168
GeneID:	55916
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 40% glycerol, 200mM NaCl
Description:	Recombinant human NXT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSHRKYRS HWSQGDREGY QRRSYYEGP HTSHSSPADR TREEVVTPTL PEHTATRSQM ATSLDFKTYV DQACRAAEFF VNIYYETMDK RRRALTRLYL DKATLIWNGN AVSGLDALNN FFDTLPSSEF QVNMLDCQPV HEQATQSQTT VLVVTSQTVK FDGNKQHFFN QNFLTAQST PNNTVWKIAS DCFRFQDWSS S Molecular weight: 25.3 kDa (221aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Huang H, et al. (2005) BMC Dev Biol. 24;5:7. Herold A, et al. (2000) Mol Cell Biol. 20(23):8996-9008.