9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4363: Recombinant Human NTF2-like Export Factor 2

Alternative Name : NTF2-related export protein 2,Protein p15-2,NXT2,BM-025,DC9,P15-2.

Description

Source : Escherichia Coli. NXT2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (1-197 a.a) and having a molecular mass of 25.3kDa.NXT2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Nuclear transport factor 2-like export factor 2 (NXT2) belongs to the NXT family proteins which are commonly involved in exporting nuclear RNA in eukaryotic cells. The NXT2 protein is a regulator of protein export for NES-containing proteins. In addition, NXT2 associates with NXF1, NXF2, NXF3 and NXF5 and has a role in mRNA nuclear export. NXT2 has a critical role in upholding morphogenetic integrity of embryonic heart in vertebrate species. The NXT2 protein contains a nuclear transport factor 2 (NTF2) domain, which has a vital role in the trafficking of macromolecules, ions, and small molecules between the cytoplasm and nucleus, it may also have a role in mRNA nuclear export.

Product Info

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	NXT2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 40% glycerol and 200mM NaCl.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMRKYRS HWSQGDREGY QRRSNYYEGP HTSHSSPADR TREEVVTPTL PEHTATRSQM ATSLDFKTYV DQACRAAEEF VNIYYETMDK RRRALTRLYL DKATLIWNGN AVSGLDALNN FFDTLPSSEF QVNMLDCQPV HEQATQSQTT VLVVTSGTVKFDGNKQHFFN QNFLLTAQST PNNTVWKIAS DCFRFQDWSS S.

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