Recombinant human NXT2 protein

Catalog Number: ATGP1440

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-197aa

UniProt No.
Q9NPJ8

NCBI Accession No.
NP_061168

Alternative Names
NTF2-related export protein 2, P15-2

PRODUCT SPECIFICATION

Molecular Weight
25.3 kDa (221aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 40% glycerol, 200mM NaCl

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
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. Recombinant human NXT2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

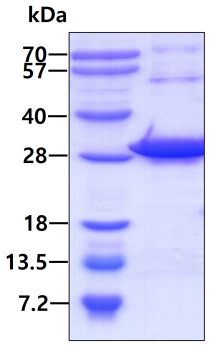
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General References

Huang H, et al. (2005) BMC Dev Biol. 24;5:7.
Herold A, et al. (2000) Mol Cell Biol. 20(23):8996-9008.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.