Recombinant human NTF2/NUTF2 protein

Catalog Number: ATGP0595

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-127aa

UniProt No.
P61970

NCBI Accession No.
NP_005787

Alternative Names
Nuclear transport factor 2, NTF2, Placental protein 15, PP15, NuTF 2, PP 15

PRODUCT SPECIFICATION

Molecular Weight
16.6 kDa (147aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity
> 95% 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
NuTF2 is a cytosolic factor that facilitates protein transport into the nucleus. It interacts with the nuclear pore complex glycoprotein p62 and Ran. This protein acts at a relative late stage of nuclear protein import, subsequent to the initial docking of nuclear import ligand at the nuclear envelope. It binds directly to RanGDP and may modulate the steady-state distribution of Ran. Recombinant human NuTF2, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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

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Amino acid Sequence

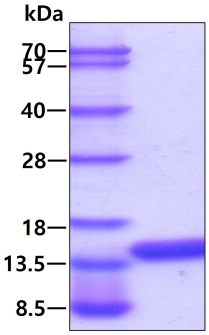
<MGSSHHHHHH SSGLVPRGSH> MGDKPIWEQI GSSFIQHYYQ LFDNDRTQLG AIYIDASCLT WEGQQFQGKA AIVEKLSSLP FQKIQHSITA QDHQPTPDSC IISMVVGQLK ADEDPIMGFH QMFLLKNIND AWVCTNDMFR LALHNFG

General References

Gerace L., et al. (1995) J Cell Biol. 129(4):925-37.
Tang SB., et al. (2009) Mol Vis. 15:861-9.

DATA

SDS-PAGE



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