

Recombinant human NUBP2 protein

Catalog Number: ATGP2895

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-271aa

UniProt No.

Q9Y5Y2

NCBI Accession No.

NP_036357

Alternative Names

Cytosolic Fe-S cluster assembly factor NUBP2, Nucleotide-binding protein 2, NBP 2, CFD1, CIAO6

PRODUCT SPECIFICATION

Molecular Weight

31.2 kDa (294aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 50% glycerol, 1mM DTT

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

NuBP2 is an adenosine triphosphate (ATP) and metal-binding protein that is required for the assembly of cytosolic iron-sulfur proteins. This protein functions in a heterotetramer with nucleotide-binding protein 1 (NuBP1). Alternative splicing results in multiple transcript variants. Recombinant human NuBP2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMEAAEAP GNLAGVRHII LVLSGKGGVG KSTISTELAL ALRHAGKKVG ILDVDLCGPS

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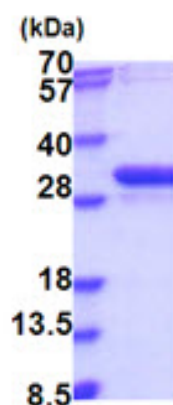
IPRMLGAQGR AVHQCDRGWA PVFLDREQSI SLMSVGFLLE KPDEAVVWRG PKKNALIKQF VSDVAWGELD YLVVDTPPGT
SDEHMATIEA LRPYQPLGAL VVTPQAVSV GDVRRELTFC RKTGLRVMGI VENMSGFTCP HCTECTSVFS RGGGEELAQL
AGVPFLGSVP LDPALMRTL EGHDFIQEFP GSPAFAALTS IAQKILDATP ACLP

General References

Nakashima H., et al. (1999) Genomics. 60 (2): 152-60.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)