

# Recombinant human NUBP2 protein

Catalog Number: ATGP2895

## PRODUCT INFORMATION

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### 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

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### 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

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### 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

MGSSHHHHHHH SSGLVPRGSH MGSMEAAAEP GNLAGVRHII LVLSGKGGVG KSTISTELAL ALRHAGKKVG ILDVDLCGPS

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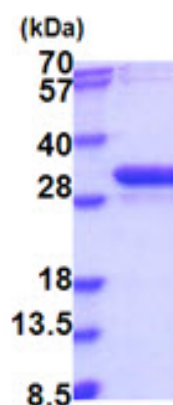
IPRMLGAQGR AVHQCDRGWA PVFLDREQSI SLMSVGFLE KPDEAVVWRG PKKNALIKQF VSDVAWGELD YLVVDTPPGT  
SDEHMATIEA LRPYQPLGAL VVTPQAVSV GDVRRELTFE RKTGLRVMGI VENMSGFTCP HCTECTSVFS RGGGEELAQL  
AGVPFLGSVP LDPALMRTL EGHDFIQEFP GSPAFAALTS IAQKILDATP ACLP

## 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)