

NUBP2, 1-271aa Human, His tag, E.coli

Cat.NO.: TP03218

3th Edition

Synonyms:Cytosolic Fe-S cluster assembly factor NUBP2, Nucleotide binding protein 2, CFD1, NBP 2, NUBP1

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.

Form:Liquid, In Phosphate buffered saline (pH7.4) containing 50% glycerol, 1mM DTT

Molecular Weight:31.2 kDa (294aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMEEAAEPGNLAGVRHIILVLSGKGGVGKSTISTELALALRHAGKKV GILDVDL
CGPSIPRMLGAQGRAVHQCDRGWAPVFLDREQSISLMSVGFLEKPD EAVVWRGPKKNALIKQFVSDVAWGELD
YLVVDTPPGTSD EHMATIEALRPYQPLGALVVTTPQAVSVGDVRRELTF CRKTGLRVMGIVENMSGFTCPHCTECT
SVFSRGGGEEL AQLAGVPFLG SVPLDPALMRTLEEGHDFIQEFPGSPAFAALTSIAQKILDATPA CLP

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.