

Recombinant Human nucleotide binding protein 2, His-tagged

Cat. No. NUBP2-672H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUBP2, 1-271aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-271 a.a.
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 Mass	31.2 kDa (294aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEAAAEP GNLAGVRHII LVLSGKGGVG KSTISTELAL ALRHAGKKVG ILDVDLCGPS IPRMLGAQGR AVHQCDRGWA PVFLDREQSI SLMSVGFLLE KPDEAVVWRG PKKNALIKQF VSDVAWGELD YLVDTPPGT SDEHMATIEA LRPYQPLGAL VVTTPQAVSV GDVRRELTFC RKTGLRVMGI VENMSGFTCP HCTECTSVFS RGGGEELAQL AGVPFLGSVP LDPALMRTLE EGHDFIQEFP GSPAFAALTS IAQKILDATP ACLP

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Purity	>90 % by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	NUBP2 nucleotide binding protein 2 [Homo sapiens]
Official Symbol	NUBP2
Synonyms	NUBP2; nucleotide binding protein 2; nucleotide binding protein 2 (E.coli MinD like) , nucleotide binding protein 2 (MinD homolog, E. coli); cytosolic Fe-S cluster assembly factor NUBP2; CFD1; NBP 2; nucleotide-binding protein 2; nucleotide binding protein 2 (E.coli MinD like); homolog of yeast cytosolic Fe-S cluster deficient 1; nucleotide binding protein 2 (MinD homolog, E. coli); C447E6.1 (nucleotide binding protein 1 (E.coli MinD like)); NUBP1;
Gene ID	10101
mRNA Refseq	NM_012225
Protein Refseq	NP_036357
MIM	610779
UniProt ID	Q9Y5Y2
Chromosome	16p13.3

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Location**Function**

4 iron, 4 sulfur cluster binding; ATP binding; metal ion binding; nucleotide binding; protein binding;

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