

# Product information

## NUBP1, 1-320aa

Human, His-tagged, Recombinant, *E.coli*

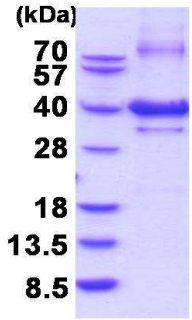
Cat. No. IBATGP3046

**Full name:** Cytosolic Fe-S cluster assembly factor NUBP1 isoform 1

**NCBI Accession No.:** NP\_002475

**Synonym:** NBP, NBP1, NBP35

**Description:** NUBP1 also known as cytosolic Fe-S cluster assembly factor NUBP1 isoform 1. NUBP1 is implicated in the regulation of centrosome duplication by similarity. This protein is component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. It required for maturation of extra mitochondrial Fe-S proteins The NUBP1-NUBP2 heterotetramer forms a Fe-S scaffold complex, mediating the de novo assembly of a Fe-S cluster and its transfer to target apoproteins. Recombinant human NUBP1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p><b>Form:</b> Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT</p> <p><b>Molecular Weight:</b> 36.9kDa (343aa) confirmed by MALDI-TOF.</p> <p><b>Purity:</b> &gt; 90% by SDS - PAGE</p> <p><b>Concentration:</b> 1mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p><b>Sequences of amino acids:</b></p> <p>MGSSHHHHH SSGLVPRGSH MGSMEEVPHD CPGADSAQAG RGASCQGPCN QRLCASGAGA TPDTAIEEIK EKMKTVKHKI LVLSGKGGVG  KSTFSAHLAH GLAEDENTQI ALLDIDICGP SIPKIMGLEG EQVHQSGSGW SPVYVEDNLG VMSVGFLSS PDDAVIWRGP KKNMGIKQFL  RDVDWGEVDY LIVDTPPGTS DEHLSVVRYL ATAHIDGAVI ITTPQEVSLQ DVRKEINFCR KVKLPIIGVV ENMSGFICPK CKKESQIFPP  TTGGAELMCQ DLEVPLLRV PLDPLIGKNC DKGQSFIDA PDSPTLAYR SIIQRIQEFC NLHQSKEENL ISS</p>	

### General references:

Stehling O., *et al.* (2008) *Mol. Cell. Biol.* 28:5517-5528.

Bienvenut W.V., *et al.* (2012) *Mol. Cell. Proteomics* 11:M111.015131-M111.015131

**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.

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