

## 32-13344: NUBP1 Human

**Alternative Name :** Cytosolic Fe-S cluster assembly factor NUBP1 isoform 1 , NBP, NBP1, NBP35, Nucleotide-binding protein 1.

### Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

Cytosolic Fe-S cluster assembly factor NUBP1 isoform 1 (NUBP1) is Involved in the regulation of centrosome duplication similarity. NUBP1 is a component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. NUBP1 is necessary for maturation of extra mitochondrial Fe-S proteins. The NUBP1-NUBP2 heterotetramer constructs a Fe-S scaffold complex, mediating the de novo compilation of a Fe-S cluster and its transfer to target apoproteins.

NUBP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 343 amino acids (1-320 a.a) and having a molecular mass of 36.9kDa. NUBP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** NUBP1 protein solution (1mg/ml) in Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMEEVPHD CPGADSAQAG RGASCQGCPN QRLCASGAGA  
TPDTAIEEIK EKMKT VKHKI LVLSGKGGVG KSTFSAHLAH GLAEDENTQI ALLDIDICGP SIPKIMGLEG  
EQVHQSGSGW SPVYVEDNLG VMSVGFLSS PDDAVIWRGP KKNGMKQFL RDVDWGEVDY  
LIVDTPPGTS DEHLSVVRYL ATAHIDGAVI ITTPQEVSLQ DVRKEINFCR KVKLPIIGVV ENMSGFICPK  
CKKESQIFPP TTGGAELMCQ DLEVPLLGRV PLDPLIGKNC DKGQSFFIDA PDSPATLAYR SIIQRIQEFC  
NLHQSKEENL ISS.