
Product Data Sheet

Product Name: NUBP1 Human
 Cat. No.: GP24074
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cytosolic Fe-S cluster assembly factor NUBP1 isoform 1 ; NBP;NBP1; NBP35; Nucleotide-binding protein 1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEEVPHD CPGADSAQAG RGASCQGCPN QRLCASGAGA TPDTAIEEIKEKMKTVKHKI LVLSGKGGVG KSTFSAHLAH GLAEDENTQI ALLDIDICGP SIPKIMGLEG EQVHQSGSGWSPVYVEDNLG VMSVGFLSS PDDAVIWRGP KKNGMKQFL RDVDWGEVDY LIVDTPPGTS DEHLSVVRYLATAHIDGAVI ITTPQEVSLQ DVRKEINFCR KVKLPIIGVV ENMSGFICPK CKKESQIFPP TTGGAELMCQDLEVPLLGRV PLDPLIGKNC DKGQSFFIDA PDSPATLAYR SIIQRIQEFC NLHQSKEENL ISS.		
Formulation	NUBP1 protein solution (1mg/ml) in Phosphate buffered saline (pH7.4),10% glycerol and 1mM DTT.		

Introduction

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.

Stability

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA