
Product Data Sheet

Product Name: NUBP2 Human
 Cat. No.: GP24075
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Nucleotide Binding Protein 2; Nucleotide Binding Protein 2 (MinD Homolog; E. Coli); NBP 2;CFD1; C447E6.1 (Nucleotide Binding Protein 1 (E.Coli MinD Like)); Homolog Of Yeast Cytosolic Fe-S Cluster Deficient 1; Nucleotide Binding Protein 2 (E.Coli MinD Like); Cytosolic Fe-S Cluster Assembly Factor NUBP2; Nucleotide-Binding Protein 2; NUBP1; NUBP2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEAAAEP GNLAGVRHII LVLGKGGVG KSTISTELAL ALRHAGKKVG ILVDLCGPS IPRMLGAQGR AVHQCDRGWA PVFLDREQSI SLMSVGFLLE KPDEAVVWRG PKKNALIKQF VSDVAWGELD YLVVDTPPGT SDEHMATIEA LRPYQPLGAL VVTPQAVSV GDVRRELTFC RKTGLRVMGI VENMSGFTCP HCTECTSVFS RGGGEELAQL AGVPFLGSVP LDPALMRTLLE EGHDFIQEFP GSPAF AALTS IAQKILDATP ACLP		
Formulation	NUBP2 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 50% glycerol and 1mM DTT.		

Introduction

Nucleotide Binding Protein 2, also known as NUBP2 is an adenosinetriphosphate (ATP) as well as metal-binding protein which is essential for the assembly of cytosolic iron-sulfur proteins. NUBP2 performs in a heterotetramer with nucleotide-binding protein 1 (NUBP1). Moreover, alternative splicing results in multiple transcript variants have been found for NUBP2.

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.

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

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Background

NUBP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 294 amino acids (1-271 a.a) and having a molecular mass of 31.2kDa. NUBP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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