

Product datasheet for **TP503686**

Nubp2 (NM_011956) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nucleotide binding protein 2 (Nubp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203686 protein sequence Red =Cloning site Green =Tags(s)

MEAAAGERAEPGNLAGVVRHILVLSGKGGVKGKSTISTELALALRHQGGKVGILDVDLCGPSIPHMLRAQG
KAVHQCDNGWVPVFDQEQSISLMSVGFLENPDEAVVWRGPKKHALIKQFVSDVAWGQLDYLVVDTPPG
TSDEHMATMEALRPYRPLGALVTTTPQAVSIGDVRRELTFCCKTGLQVIGVIENMSGFTCPHCAECTNVF
SSGSGEELARLAGVPFLGSVPLDSQLTRSLEEGRDFIQEFKSTAYSALTSIAQRVVRHMSALCS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	29.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_036086</u>
Locus ID:	26426
UniProt ID:	<u>Q9R061</u>
RefSeq Size:	1448



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Cytogenetics: 17 12.53 cM

RefSeq ORF: 828

Synonyms: D17Wsu11e

Summary: Component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. Required for maturation of extramitochondrial Fe-S proteins. The NUBP1-NUBP2 heterotetramer forms a Fe-S scaffold complex, mediating the de novo assembly of an Fe-S cluster and its transfer to target apoproteins. Negatively regulates cilium formation and structure (PubMed:23807208).
[UniProtKB/Swiss-Prot Function]