

## Recombinant Human NUBP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** NUBP2-689H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | NUBP2 MS Standard C13 and N15-labeled recombinant protein (NP_036357) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | This gene encodes an adenosine triphosphate (ATP) and metal-binding protein that is required for the assembly of cytosolic iron-sulfur proteins. The encoded protein functions in a heterotetramer with nucleotide-binding protein 1 (NUBP1). Alternative splicing results in multiple transcript variants.                     |
| <b>Molecular Mass</b>   | 28.8 kDa                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MEAAAEPGNLAGVRHIILVLSGKGGVGKSTISTELALALRHAGKKVGILDVDLCGPSIP<br>RMLGAQGRAVHQCDRGWAPVFLDREQSISLMSVGFLLEKPDEAVVWRGPKKNALI<br>KQFVSDVAWGELDYLVDTPPGTSDEHMTIEALRPYQPLGALVVTTPQAVSVGDV<br>RRELTFCRKTGLRVMGIVENMSGFTCPHCTECTSVFSRGGGEELAGVLPFLGSV<br>PLDPALMRTLLEEGHDFIQEFPGPSAFAALTSIAQKILDATPACLPTRTRPLEQKLISEE<br>DLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                     |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                  |

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** NUBP2 nucleotide binding protein 2 [ Homo sapiens (human) ]

**Official Symbol** NUBP2

**Synonyms** NUBP2; nucleotide binding protein 2; nucleotide binding protein 2 (E.coli MinD like), nucleotide binding protein 2 (MinD homolog, E. coli); cytosolic Fe-S cluster assembly factor NUBP2; CFD1; NBP 2; nucleotide-binding protein 2; nucleotide binding protein 2 (E.coli MinD like); homolog of yeast cytosolic Fe-S cluster deficient 1; nucleotide binding protein 2 (MinD homolog, E. coli); C447E6.1 (nucleotide binding protein 1 (E.coli MinD like) ); NUBP1;

**Gene ID** 10101

**mRNA Refseq** NM\_012225

**Protein Refseq** NP\_036357

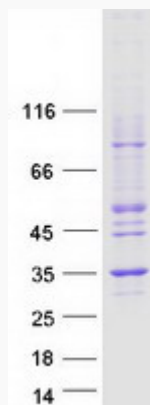
**MIM** 610779

**UniProt ID** Q9Y5Y2

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**SDS-PAGE**

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