

## Recombinant Human NUB1 protein, His-tagged

**Cat. No.** NUB1-1391H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NUB1 protein(252-601 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 252-601 aa                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.          |
| <b>AASequence</b>       | YGIALPCLLDADKYFCECCRELLDTVDNYAVLQLDIVWCYFRLEQLECLDDAEKKNL<br>AQKCFKNCYGENHQRLVHIKGNGCKEVLFLRLYLLQGIRNYHSGNDVEAYEYLNK<br>ARQLFKELYIDPSKVDNLLQLGFTAQEARLGLRACDGNVDHAATHITNRREELAQIRK<br>EEKEKKRRRLENIRFLKGMGYSTHAAQQILLSNPQMWWLNDSDNPETDNRQESPSQ<br>ENIDRLVYMGFDALVAEAALRVFRGNVQLAAQTLAHNGGSLPPELPLSPEDSLSPPA<br>TSPSDSAGTSSASTDEDMETEAVNEILEDIPEHEEDYLDSTLEDEEIIIAEYLSYVENR<br>KSATKKN |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,                                                                                                                                                                                                                                                                                                 |

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

#### Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

### GENE INFORMATION

**Gene Name** NUB1 negative regulator of ubiquitin-like proteins 1 [ Homo sapiens ]

**Official Symbol** NUB1

#### Synonyms

NUB1; negative regulator of ubiquitin-like proteins 1; NEDD8 ultimate buster 1; BS4; NYREN18; NEDD8 ultimate buster-1; renal carcinoma antigen NY-REN-18; NUB1L;

**Gene ID** 51667

**mRNA Refseq** NM\_001243351

**Protein Refseq** NP\_001230280

**MIM** 607981

**UniProt ID** Q9Y5A7

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**SDS-PAGE**

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