

## Recombinant Human NUA1 protein, His & T7-tagged

**Cat. No.** NUA1-1921H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NUA1 aa. (Val421~Ser658 (Accession # O60285)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Val421~Ser658                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 34kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                                                                                                |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

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-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point** 6.2

## GENE INFORMATION

**Gene Name** NUA1 NUA1 family kinase 1 [ Homo sapiens (human) ]

**Official Symbol** NUA1

**Synonyms** NUA1; NUA1 family kinase 1; ARK5; NUA1 family SNF1-like kinase 1; AMP-activated protein kinase family member 5; AMPK-related protein kinase 5; NUA1 family, SNF1-like kinase, 1; omphalocele kinase 1

**Gene ID** 9891

**mRNA Refseq** NM\_014840.2

**Protein Refseq** NP\_055655.1

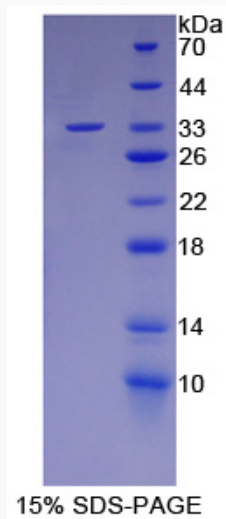
**UniProt ID** O60285

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SDS-PAGE



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