

## Recombinant Human NUAK1 protein, His & T7-tagged

Cat. No. NUAK1-1921H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NUAK1 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** NUAK1 NUAK family kinase 1 [ Homo sapiens (human) ]

**Official Symbol** NUAK1

**Synonyms** NUAK1; NUAK family kinase 1; ARK5; NUAK family SNF1-like kinase 1; AMP-activated protein kinase family member 5; AMPK-related protein kinase 5; NUAK family, SNF1-like kinase, 1; omphalocele kinase 1

**Gene ID** 9891

**mRNA Refseq** NM\_014840.2

**Protein Refseq** NP\_055655.1

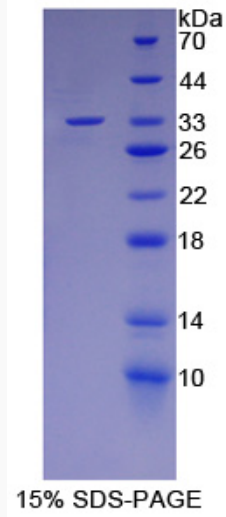
**UniProt ID** O60285

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SDS-PAGE



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