

## Recombinant Human NUAK1, GST-His

Cat. No. NUAK1-2705H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NUAK1 Protein Tyrosine Kinase Amino acids M1-M661, N-terminally fused to GST-His6-Thrombin cleavage site. It is expressed in <i>Baculovirusinfected Sf9 cells</i> .
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	1-661 a.a.
<b>Description</b>	NUAK family SNF1-like kinase 1 is an enzyme that in humans is encoded by the NUAK1 gene.
<b>Purification</b>	One-step affinity purification using GSH-agarose.
<b>Product Identity</b>	NUAK1 was confirmed as human NUAK1 by mass spectroscopy LC-ESI-MS/MS (Protagen AG, Germany).
<b>MW</b>	104,220 Da.
<b>Storage Buffer</b>	50 mM Tris-HCl, pH 8.0; 100 mM NaCl, 5 mM DTT, 4 mM reduced glutathione, 20% glycerol.
<b>Concentration</b>	0.176 µg/µl.

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**Specific Activity** 32 pmol/μg×min.

**Storage** -80°C. Avoid repeated freeze-thaw cycles!

## GENE INFORMATION

**Gene Name** [NUAK1](#) NUA family, SNF1-like kinase, 1 [ Homo sapiens ]

**Synonyms** NUA1; NUA family, SNF1-like kinase, 1; AMP-activated protein kinase family member 5; AMPK-related protein kinase 5; NUA family SNF1-like kinase 1; ARK5; KIAA0537; EC 2.7.11.1

**Gene ID** [9891](#)

**mRNA Refseq** [NM\\_014840](#)

**Protein Refseq** [NP\\_055655](#)

**MIM** [608130](#)

**UniProt ID** [O60285](#)

**Chromosome Location** 12q23.3

**Function** ATP binding; metal ion binding; nucleotide binding; protein serine/threonine kinase activity; transferase activity

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