

Recombinant Human NUA1, GST-His

Cat. No. NUA1-2705H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUA1 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> .
Species	Human
Source	Sf9 Cells
ProteinLength	1-661 a.a.
Description	NUA1 family SNF1-like kinase 1 is an enzyme that in humans is encoded by the NUA1 gene.
Purification	One-step affinity purification using GSH-agarose.
Product Identity	NUA1 was confirmed as human NUA1 by mass spectroscopy LC-ESI-MS/MS (Protagen AG, Germany).
MW	104,220 Da.
Storage Buffer	50 mM Tris-HCl, pH 8.0; 100 mM NaCl, 5 mM DTT, 4 mM reduced glutathione, 20% glycerol.
Concentration	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](#) [NUAK family, SNF1-like kinase, 1 \[Homo sapiens \]](#)

Synonyms [NUAK1](#); [NUAK family, SNF1-like kinase, 1](#); [AMP-activated protein kinase family member 5](#); [AMPK-related protein kinase 5](#); [NUAK 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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