

Recombinant Human NUAK Family, SNF1-Like Kinase, 1, His-tagged

Cat. No. NUAK1-1281H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant humanfull length NUAK1 with His tag.
Species	Human
Source	Insect Cells
Description	NUAK family SNF1-like kinase 1is an enzyme that in humans is encoded by the NUAK1 gene.
Form	Liquid in 50 mMTris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT +50% glycerol.
Molecular Weight	78.3 kDa
storage	Stable for 6 monthsin working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
OfficialSymbol	NUAK1
Pathways	Axon guidance; B cell receptorsignaling pathway; Natural killer cell mediated cytotoxicity; T cell receptorsignaling pathway; VEGF signaling pathway; Wnt signaling pathway
Full Length	Full L.

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GENE INFORMATION

Gene Name	NUAK1 NUAKE family, SNF1-likekinase, 1 [Homo sapiens]
Synonyms	NUAK1; NUAKE family, SNF1-likekinase, 1; AMP-activated protein kinase family member 5; AMPK-related proteinkinase 5; NUAKE 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; transferaseactivity

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