

Recombinant Human NUAK2

Cat. No. NUAK2-27531TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NUAK2 with an N terminal proprietary tag, 110kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	628 amino acids
Description	NUAK family SNF1-like kinase 2 also known as SNF1/AMP kinase-related kinase (SNARK) is an enzyme that in humans is encoded by the NUAK2 gene.
Molecular Weight	110.000kDa inclusive of tags
Biological activity	The Specific activity of NUAK2-27531TH was determined to be 80 nmol/min/mg.
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 10mM Glutathione, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequence Similarities Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily. Contains 1 protein kinase domain.

GENE INFORMATION

Gene Name NUA2 NUA2 family, SNF1-like kinase, 2 [Homo sapiens]

Official Symbol NUA2

Synonyms NUA2; NUA2 family, SNF1-like kinase, 2; NUA2 family SNF1-like kinase 2; FLJ90349; SNARK; SNF1/AMP activated protein kinase;

Gene ID 81788

mRNA Refseq NM_030952

Protein Refseq NP_112214

MIM 608131

Uniprot ID Q9H093

Chromosome Location 1q32.1

Function ATP binding; magnesium ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity;

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