

## Recombinant Human NUA2

**Cat. No.** NUA2-27531TH    **Lot. No.** (See product label)

### SPECIFICATION

|                            |                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Recombinant full length Human NUA2 with an N terminal proprietary tag, 110kDa.                                                                       |
| <b>Species</b>             | Human                                                                                                                                                |
| <b>Source</b>              | Sf9 Cells                                                                                                                                            |
| <b>ProteinLength</b>       | 628 amino acids                                                                                                                                      |
| <b>Description</b>         | NUA2 family SNF1-like kinase 2 also known as SNF1/AMP kinase-related kinase (SNARK) is an enzyme that in humans is encoded by the NUA2 gene.         |
| <b>Molecular Weight</b>    | 110.000kDa inclusive of tags                                                                                                                         |
| <b>Biological activity</b> | The Specific activity of NUA2-27531TH was determined to be 80 nmol/min/mg.                                                                           |
| <b>Form</b>                | Liquid                                                                                                                                               |
| <b>Purity</b>              | by SDS-PAGE                                                                                                                                          |
| <b>Storage buffer</b>      | Preservative: None<br>Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 10mM Glutathione, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, pH 7.5 |
| <b>Storage</b>             | 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** NIAK2 NIAK family, SNF1-like kinase, 2 [ Homo sapiens ]

**Official Symbol** NIAK2

**Synonyms** NIAK2; NIAK family, SNF1-like kinase, 2; NIAK 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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