

Recombinant Human GALK2, His-tagged

Cat. No. GALK2-28969TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 265-445 of Human GALK2 with N terminal His tag; 191 amino acids, 22kDa.
Species	Human
Source	E.coli
ProteinLength	265-445 a.a.
Description	This gene encodes a highly efficient N-acetylgalactosamine (GalNAc) kinase, which has galactokinase activity when galactose is present at high concentrations. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 114 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	LRLEEVQAKLGISLEEMLLVTEDALHPEPYNPEEICRCLG ISLEELRTQILSPNTQDVL IFKLYQRAKHVYSEAARVL QFKKICEEAPENMVQLLGELMNQSHMSCRDMYECSC

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PELD QLVDICRKFGAQQSRLTGAGWGGCTVSMVPADKLPSFL ANVHKAYYQRSD
GSLAPEKQSLFATKPGGGALVLL

GENE INFORMATION

Gene Name [GALK2 galactokinase 2 \[Homo sapiens \]](#)

Official Symbol [GALK2](#)

Synonyms GALK2; galactokinase 2; N-acetylgalactosamine kinase; GK2;

Gene ID [2585](#)

mRNA Refseq [NM_001001556](#)

Protein Refseq [NP_001001556](#)

MIM [137028](#)

Uniprot ID [Q01415](#)

**Chromosome
Location** 15

Pathway Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Galactose metabolism, organism-specific biosystem; Galactose metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;

Function ATP binding; N-acetylgalactosamine kinase activity; galactokinase activity; galactokinase activity; kinase activity;

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