Recombinant Full Length Human GALK2 Protein, GST-tagged

Cat. No. GALK2-5229HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GALK2 full-length ORF (AAH05141, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	458 amino acids
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. [provided by RefSeq
Molecular Mass	76.01 kDa
AA Sequence	MATESPATRRVQVAEHPRLLKLKEMFNSKFGSIPKFYVRAPGRVNIIGEHIDYCGYSV LPMAVEQDVLIAVEPVKTYALQLANTNPLYPDFSTSANNIQIDKTKPLWHNYFLCGLK GIQEHFGLSNLTGMNCLVDGNIPPSSGLSSSSALVCCAGLVTLTVLGRNLSKVELAEI CAKSERYIGTEGGGMDQSISFLAEEGTAKLIEFSPLRATDVKLPSGAVFVIANSCVEM NKAATSHFNIRVMECRLAAKLLAKYKSLQWDKVLRLEEVQAKLGISLEEMLLVTEDAL HPEPYNPEEICRCLGISLEELRTQILSPNTQDVLIFKLYQRAKHVYSEAARVLQFKKIC EEAPENMVQLLGELMNQSHMSCRDMYECSCPELDQLVDICRKFGAQGSRLTGAG WGGCTVSMVPADKLPSFLANVHKAYYQRSDGSLAPEKQSLFATKPGGGALVLLEA

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GALK2 galactokinase 2 [Homo sapiens]
Official Symbol	GALK2
Synonyms	GALK2; galactokinase 2; N-acetylgalactosamine kinase; GK2; galNAc kinase; MGC1745;
Gene ID	2585
mRNA Refseq	NM_001001556
Protein Refseq	NP_001001556
MIM	137028
UniProt ID	Q01415

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