

Recombinant Full Length Human GALK2 Protein, C-Flag-tagged

Cat. No. GALK2-1602HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GALK2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a highly efficient N-acetylgalactosamine (GalNAc) kinase, which has galactokinase activity when galactose is present at high concentrations. The encoded protein is a member of the GHMP kinase family. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.2 kDa
AA Sequence	MATESPATRRVQVAEHPRLCLKEMFNSKFGSIPKFYVRAPGRVNIIGEHDYCGYSV LPMAVEQDVLIA VEPVKTYALQLANTNPLYPDFSTSANNIQIDKTKPLWHNYFLCGLK GIQEHFGLSNLTGMNCLVDGNIPP SSSLSSSSALVCCAGLVTLTVLGRNLSKVELAE ICAKSERYIGTEGGGMDQSISFLAEEGTAKLIEFSPL RATDVKLPSGAVFVIANSCVE MNKAATSHFNIRVMECRLAAKLLAKYKSLQWDKVLRLLEEVQAKLGISLE EMLLVTED ALHPEPYNPEEICRCLGISLEELRTQILSPNTQDVLIFKLYQRAKHVYSEAARVLQFKK ICE EAPENMVQLLGELMNQSHMSCRDMYECSCPELDQLVDICRKFGAQGSRLTGA GWGGCTVSMVPADKLPSF

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	LANVHKAYYQRS DGLAPEKQSLFATKPGGGALV LLEASGPTRTRPLEQKLISEEDL AANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Amino sugar and nucleotide sugar metabolism, Galactose metabolism, Metabolic pathways
Full Length	Full L.

GENE INFORMATION

Gene Name	GALK2 galactokinase 2 [Homo sapiens (human)]
Official Symbol	GALK2
Synonyms	GK2
Gene ID	2585

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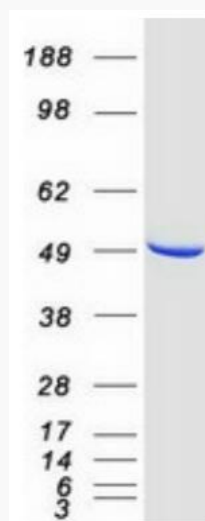
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mRNA Refseq [NM_002044.4](#)

Protein Refseq [NP_002035.1](#)

MIM [137028](#)

UniProt ID [Q01415](#)



Coomassie blue staining of purified GALK2 protein.

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