

Recombinant Human GALK2 Protein, His-tagged

Cat. No. GALK2-153H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALK2, transcript variant 1, fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a highly efficient N-acetylgalactosamine (GalNAc) kinase, which has galactokinase activity when galactose is present at high concentrations. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Supplied as a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH7.4
Molecular Mass	51.4kD
AA Sequence	MATESPATRRVQVAEHPRLCLKEMFNSKFGSIPKFYVRAPGRVNIIGEHDYCGYSV LPMAVEQDVLIAVEPVKTYALQLANTNPLYPDFSTSANNIQIDKTKPLWHNYFLCGLK GIQEHFGLSNLTGMNCLVDGNIPPSSGLSSSSALVCCAGLVTLTVLGRNLSKVELAEI CAKSERYIGTEGGGMDQSIISFLAEEGTAKLIEFSPLRATDVKLPSGAVFVIANSCVEM NKAATSHFNIRVMECRLAAKLLAKYKSLQWDKVLRLLEEVQAKLGISLEEMLLVTEDAL HPEPYNPEEICRCLGISLEELRTQILSPNTQDVLIFKLYQRAKHVYSEAARVLQFKKIC EEAPENMVQLLGELMNQSHMSCRDMYECSCPELDQLVDICRKFGAQGSRLTGAG WGGCTVSMVPADKLPSFLANVHKAYYQRSDSLAPKQSLFATKPGGGALVLEAV DHHHHHH

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
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Purity	Greater than 95% as determined by RP-HPLC and reducing SDS-PAGE.
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GENE INFORMATION

Gene Name	GALK2 galactokinase 2 [Homo sapiens]
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Official Symbol	GALK2
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Synonyms	GALK2; galactokinase 2; N-acetylgalactosamine kinase; GK2; galNAc kinase; MGC1745;
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Gene ID	2585
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mRNA Refseq	NM_002044
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Protein Refseq	NP_002035
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MIM	137028
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UniProt ID	Q01415
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