

Recombinant Full Length Human GK5 Protein, GST-tagged

Cat. No. GK5-6410HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MGC40579 full-length ORF (AAH32470.1, 1 a.a. - 301 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	301 amino acids
Description	GK5 (Glycerol Kinase 5 (Putative)) is a Protein Coding gene. Among its related pathways are triacylglycerol biosynthesis and glycerol degradation. GO annotations related to this gene include phosphotransferase activity, alcohol group as acceptor and glycerol kinase activity. An important paralog of this gene is GK.
Molecular Mass	60.3 kDa
AA Sequence	MSGLLTDPEQRAQEPRYPGFVLGLDVGSSVIRCHVYDRAARVCGSSVQKVENLYP QIGWVEIDPDVLWIQFVAVIKEAVKAAGIQMNQIVGLGISTQRATFITWNKKTGNHFFH NFISWQDLRAVELVKSNNNSLLMKIFHSSCRVLHFFTRSKRLFTASLFTFTTQQTSLR LVWILQNLTEVQKAVEEENCCFGTIDTWLLYKLTGGSVYATDFSNASTTGLFDPYKM CWSGMITSLISIPLSLLPPVRDTSNFGSVDEEIFGVPIPIVALLKVPGYDQNICYIFGK GTIEPVFYHGSTL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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	GK5 glycerol kinase 5 (putative) [Homo sapiens]
Official Symbol	GK5
Synonyms	GK5; glycerol kinase 5 (putative); putative glycerol kinase 5; MGC40579; GK 5; glycerokinase 5; ATP:glycerol 3-phosphotransferase 5; FLJ33582; FLJ45739;
Gene ID	256356
mRNA Refseq	NM_001039547
Protein Refseq	NP_001034636
UniProt ID	Q6ZS86

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