

Recombinant Human GK5 Protein, GST-tagged

Cat. No. GK5-5280H **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	Wheat Germ
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 NFISWQDLRAVELVKSWNNSLLMKIFHSSCRVLHFFTRSKRLFTASLFTFTTQQTSLR LVWILQNLTEVQKAVEEENCCFGTIDTWLLYKLTGGSVYATDFSNASTTGLFDPYKM CWSGMITSLISIPLSLLPPVRDTSHNFGSVDEEIFGVPIPIVALLKVPGYDQNICYIFGK GTIEPVFYHGSTL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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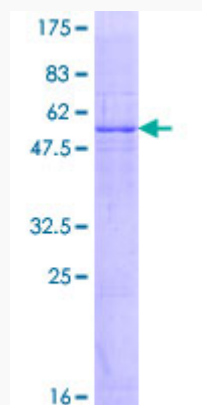
 45-1 Ramsey Road, Shirley, NY 11967, USA

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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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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