

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 NFISWQDLRAVELVKSNNLLMKIFHSSCRVLHFFTRSKRLFTASLFTFTTQQTSLR LVWILQNLTEVQKAVEEENCCFGTIDTWLLYKLTGKSVYATDFSNASTTGLFDPYKM CWSGMITSLISIPLSLLPPVRDTSHNFGSVDEEIFGVPIPIVALLKVPGYDQNICYIFGK GTIEPVFYHGSTL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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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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