

Recombinant Human AGK Protein, GST-tagged

Cat. No. AGK-5753H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MULK full-length ORF (NP_060708.1, 1 a.a. - 422 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a mitochondrial membrane protein involved in lipid and glycerolipid metabolism. The encoded protein is a lipid kinase that catalyzes the formation of phosphatidic and lysophosphatidic acids. Defects in this gene have been associated with mitochondrial DNA depletion syndrome 10. [provided by RefSeq, Feb 2012]
Molecular Mass	73.5 kDa
AA Sequence	MTVFFKTLRNLHWKKT TAGLCLLTWGGHWLYGKHCDNLLRRACQEAQVFGNQLIP PNAQVKKATVFLNPAACKGKARTLFEKNAAPILHLSGMDVTIVKTDYEGQAKLLEL MENTDVIIVAGGDGTLQEVVTGVLRRRTDEATFSKIPIGFIPLGETSSLSHTLFAESGNK VQHITDATLAIVKGETVPLDVLQIKGEKEQPVFAMTGLRWGSFRDAGVKVSKYWYLG PLKIKAAHFFSTLKEWPQTHQASISYTGPTERPPNEPEETPVQRPSLYRRILRRLAS WAQPQDALSQEVSPVWQDVQLSTIELSITTRNNQLDPTSKEDFLNICIEPDTISKGD FITIGSRKVRNPKLHVEGTECLQASQCTLLIPEGAGGSFSIDSEEYEAMPVEVKLLPR KLQFFCDPRKREQMLTSPTQ
Applications	Enzyme-linked Immunoabsorbent Assay

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

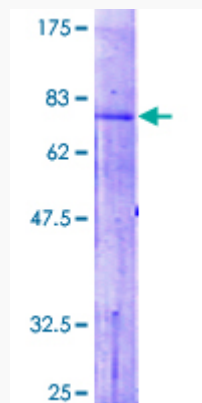
 45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) 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	AGK acylglycerol kinase [Homo sapiens]
Official Symbol	AGK
Synonyms	AGK; acylglycerol kinase; MULK, multiple substrate lipid kinase; acylglycerol kinase, mitochondrial; FLJ10842; hAGK; hsMuLK; multi-substrate lipid kinase; multiple substrate lipid kinase; MULK; MTDPS10;
Gene ID	55750
mRNA Refseq	NM_018238
Protein Refseq	NP_060708
MIM	610345
UniProt ID	Q53H12

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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