

Recombinant Human AGK Protein, His/GST-tagged

Cat. No. AGK-411H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGK(Thr15~Pro300) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr15~Pro300
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	61.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

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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