

Recombinant Human DGKG Protein (1-255 aa), His-SUMO-tagged

Cat. No. DGKG-454H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DGKG Protein (1-255 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cell Biology. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-255 aa
Description	Reverses the normal flow of glycerolipid biosynthesis by phosphorylating diacylglycerol back to phosphatidic acid.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.9 kDa
AA Sequence	MGEERWVSLTPEEFDQLQKYSEYSSKKIKDALTEFNEGGSLKQYDPHEPISYDVFKL FMRAYLEVLDLPQPLSTHLFLAFSQKPRHETSDHPTGASNSEANSADTNIQNADNAT KADEACAPDTESNMAEKQAPAEDQVAATPLEPPVPRSSSSSESPVVYLKDVVCYLSL LETGRPQDKLEFMFRLYDSDENGLLDQAEMDCIVNQMLHIAQYLEWDPTELRPILKE MLQGMDYDRDGFVSLQEWVHGGMTTIPL
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

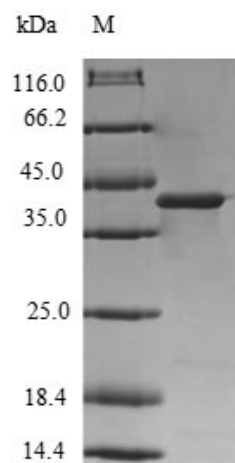
GENE INFORMATION

Gene Name	DGKG diacylglycerol kinase, gamma 90kDa [Homo sapiens]
Official Symbol	DGKG
Synonyms	DGKG; DAGK3; DGK-GAMMA; MGC104993; MGC133330;
Gene ID	1608
mRNA Refseq	NM_001080744
Protein Refseq	NP_001074213
MIM	601854
UniProt ID	P49619

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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