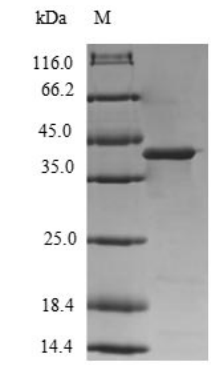
Recombinant Human Diacylglycerol kinase gamma (DGKG), partial

Product Code	CSB-EP006836HU
Relevance	Reverses the normal flow of glycerolipid biosynthesis by phosphorylating diacylglycerol back to phosphatidic acid.
Abbreviation	Recombinant Human DGKG protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P49619
Alias	Diglyceride kinase gamma ;DGK-gamma
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MGEERWVSLTPEEFDQLQKYSEYSSKKIKDALTEFNEGGSLKQYDPHEPISYD VFKLFMRAYLEVDLPQPLSTHLFLAFSQKPRHETSDHPTEGASNSEANSADTN IQNADNATKADEACAPDTESNMAEKQAPAEDQVAATPLEPPVPRSSSSESPV VYLKDVVCYLSLLETGRPQDKLEFMFRLYDSDENGLLDQAEMDCIVNQMLHIA QYLEWDPTELRPILKEMLQGMDYDRDGFVSLQEWVHGGMTTIPL
Research Area	Cell Biology
Source	E.coli
Target Names	DGKG
Protein Names	Recommended name: Diacylglycerol kinase gamma Short name= DAG kinase gamma EC= 2.7.1.107 Alternative name(s): Diglyceride kinase gamma Short name= DGK-gamma
Expression Region	1-255aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	44.9kDa
Protein Length	Partial
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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