

Proteoliposomes

Full-Length

DGKE (Human) Recombinant Protein

Catalog # H00008526-G01

Size 10 ug

Specification

Product Description

Human DGKE full-length ORF (ADR83069.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MEAERRPAPGSPSEGLFADGHLILWTLCSVLLPVFITFWCSLQRRQLHRRDIFRKS KHGWRDT
DLFSQPTYCCVCAQHILQGAFCDCCGLRVDEGCLRKADKRFQCKEIMLKNDTKVLDAMPHHWIR
GNVPLCSYCMVCKQQCGCQPKLCDYRCWCQKTVHDECMKNSLKNEKCDFGEFKNLIIPPSYLT
SINQMRKDKKTDYEV LASKLGKQWTP LIILANSRSGTNMGEGLLGEFRILLNPVQVFDVTKTPPIKA
LQLCTLPPYYSARVLVCGGDGTVGWVLD AVDDMKIKGQEKYIPQVAVLPLGTGNDLSNTLGWGT
GYAGEIPVAQVLRNVMEADGIKLD RWKVQVTNKGYYNLRKPKEFTMNNYFSVGPDALMALNFHA
HREKAPSLFSSRILNKAVYLFYGT KDCLVQECKDLNKKVELELDGERVALPSLEGIVLNIGYWGGG
CRLWEGMGDETYPLARHDDGLLEVVG VYGSFHCAQIQVKLANPFRIGQAHTVRLILKCSMMPMQ
VDGEPWAQGPCTVTITHKTHAMMLYFSGEQTDDDISSTDQEDIKATE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.4

Interspecies Antigen Sequence

Mouse (91)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — DGKE

Entrez GeneID	8526
GeneBank Accession#	HQ258315.1
Protein Accession#	ADR83069.1
Gene Name	DGKE
Gene Alias	DAGK6, DGK
Gene Description	diacylglycerol kinase, epsilon 64kDa
Omim ID	601440
Gene Ontology	Hyperlink
Gene Summary	Diacylglycerol kinases are thought to be involved mainly in the regeneration of phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction. When expressed in mammalian cells, DGK-epsilon shows specificity for arachidonyl-containing diacylglycerol. DGK-epsilon is expressed predominantly in testis. [provided by RefSeq]
Other Designations	diacylglycerol kinase epsilon diacylglycerol kinase, epsilon (64kD)

Pathway

- [Glycerolipid metabolism](#)
- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Diabetes Mellitus](#)