

Recombinant Full Length Human DGKE Protein

Cat. No. DGKE-2497HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DGKE full-length ORF (ADR83069.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	177 amino acids
Description	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, Jul 2008]
Form	Liquid
Molecular Mass	62.4 kDa
AA Sequence	MEAERRPAPGSPSEGLFADGHLILWTLCSVLLPVFITFWCSLQRSRRQLHRRDIFRK SKHGWRTDLFSQPTYCCVCAQHILQGAFCDCGLRVDEGCLRKADKRFQCKEIM LKNDTKVLDAMPHHWIRGNVPLCSYCMVCKQQCGCQPKLCDYRCIWCQKTVHDEC MKNSLKNEKCDFGEFKNLIIPPSYLTINQMRKDKKTDYEVLASKLGKQWTPILILANS RSGTNMGEGLLGEFRILLNPVQVFDVTKTPPIKALQLCTLLPYYSARVLVCGGDGTV GWVLDAVDDMKIKGQEKYIPQVAVLPLGTGNDLSNTLGWGTGYAGEIPVAQVLRNV MEADGIKLDRAWKVQVTNKGYYNLRKPKEFTMNNYFSVGPDALMALNFHAHREKAP

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SLFSSRILNKAVYLFYGTKDCLVQECKDLNKKVELELDGERVALPSLEGIIVLNIGYWG
GGCRLWEGMGDETYPLARHDDGLLEVGVYGSFHCAQIQVKLANPFRIGQAHTVR
LILKCSMMPMQVDGEPWAQGPCTVTITHKTHAMMLYFSGEQTDDDISSTSDQEDIK
ATE

Applications

Antibody Production
Functional Study
Compound Screening

Usage

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

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

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

GENE INFORMATION

Gene Name

DGKE diacylglycerol kinase, epsilon 64kDa [Homo sapiens]

Official Symbol

DGKE

Synonyms

DGKE; diacylglycerol kinase, epsilon 64kDa; diacylglycerol kinase, epsilon (64kD); diacylglycerol kinase epsilon; DAGK6; DGK; DGK-epsilon; DAG kinase epsilon; diglyceride kinase epsilon; DAGK5;

Gene ID

8526

mRNA Refseq

NM_003647

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Protein Refseq	NP_003638
MIM	601440
UniProt ID	P52429

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