

Recombinant Full Length Human DGKE Protein, GST-tagged

Cat. No. DGKE-2498HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DGKE full-length ORF (AAH22297, 1 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.
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]
Molecular Mass	45.21 kDa
AA Sequence	MEAERRPAPGSPSEGLFADGHLILWTLCSVLLPVFITFWCSLQRSRRQLHRRDIFRK SKHGWRDSDLFSQPTYCCVCAQHILQGAFCDCCLRVDEGCLRKADKRFQCKEIM LKNDTKVLDAMPHHWIRGNVPLCSYCMVCKQQCGCQPKLCDYRYGLRGHSLSQN APWESGFHRVV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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
Protein Refseq	NP_003638
MIM	601440
UniProt ID	P52429

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