

# Recombinant Full Length Human DGKE Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human DGKE full-length ORF ( AAH22297, 1 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	177 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	45.21 kDa
<b>AA Sequence</b>	MEAERRPAPGSPSEGLFADGHLILWTLCSVLLPVFITFWCSLQRSRRQLHRRDIFRK SKHGWRDSDLFSQPTYCCVCAQHILQGAFCDCCGLRVDEGCLRKADKRFQCKEIM LKNDTKVLDDAMPHHWIRGNVPLCSYCMVCKQQCGCQPKLCDYRYGLRGHLSLQN APWESGFHRVV
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Protein Array**

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

<b>Gene Name</b>	DGKE diacylglycerol kinase, epsilon 64kDa [ Homo sapiens ]
<b>Official Symbol</b>	DGKE
<b>Synonyms</b>	DGKE; diacylglycerol kinase, epsilon 64kDa; diacylglycerol kinase, epsilon (64kD); diacylglycerol kinase epsilon; DAGK6; DGK; DGK-epsilon; DAG kinase epsilon; diglyceride kinase epsilon; DAGK5;
<b>Gene ID</b>	8526
<b>mRNA Refseq</b>	NM_003647
<b>Protein Refseq</b>	NP_003638
<b>MIM</b>	601440
<b>UniProt ID</b>	P52429

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA