

Recombinant Human DGKE Protein, GST-tagged

Cat. No. DGKE-2572H 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	Wheat Germ
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 SKHGWRDSDLFSQPTYCCVCAQHILQGAFCDCCGLRVDEGCLRKADKRFQCKEIM LKNDTKVLDPAMPHHWIRGNVPLCSYCMVCKQQCGCQPKLCDYRYGLRGHSLSQN APWESGFHRVV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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

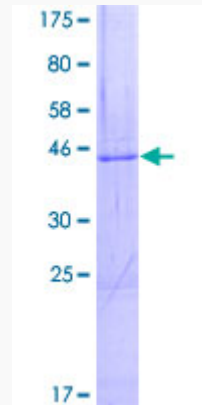
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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