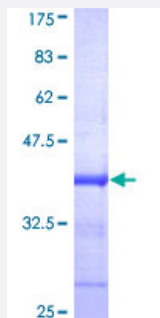


DGKZ (Human) Recombinant Protein (Q01)

Catalog # H00008525-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DGKZ partial ORF (AAH41770, 786 a.a. - 885 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DAAPPQGEELIEAAKRNDFCKLQELHRAGGDLMDHRDEQSRTLLHHAVSTGSKDVVRYLLDHAPP EILDAVEENGETCLHQAAALGQRTICHYVEAGASL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (94); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DGKZ

Entrez GeneID [8525](#)

GeneBank Accession# [BC041770](#)

Protein Accession# [AAH41770](#)

Gene Name DGKZ

Gene Alias DAGK5, DAGK6, DGK-ZETA, hDGKzeta

Gene Description diacylglycerol kinase, zeta 104kDa

Omim ID [601441](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It may attenuate protein kinase C activity by regulating diacylglycerol levels in intracellular signaling cascade and signal transduction. Alternative splicing occurs at this locus and four transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]

Other Designations diacylglycerol kinase zeta|diacylglycerol kinase, zeta (104kD)

Pathway

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