

Recombinant Human DGKZ Protein, GST-tagged

Cat. No. DGKZ-2577H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DGKZ full-length ORF (AAH41770.1, 1 a.a. - 929 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 multiple transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Nov 2010]
Molecular Mass	130.5 kDa
AA Sequence	MEPRDGSPEARSSDSESASASSSGSERDAGPEPDKAPRRLNKRRFPGLRFLGHRK AITKSGLQHLAPPPPTPGAPCSESERQIRSTVDWSESATYGEHIWFETNVSGDFCYV GEQYCVARMLQKSVSRRKCAACKIVVHTPCIEQLEKINFRCKPSFRESGSRNVREPT FVRHHWVHRRRQDGKCRHCGKGFQKFTFHSKEIVAISCSWCKQAYHSKVSCFML QQIEEPCSLGVHAAVVIPPTWILRARRPQNTLKASKKKKRASFKRKSSKKGPEEGR WRPFIIRPTPSPLMKPLLVFVNPKSGGNQGAIIQSFLWYLNPRQVFDLSQGGPKEA LEMYRKVHNLRLACGGDGTVGWILSTLDQLRLKPPPPVAILPLGTGNDLARTLNWG GGYTDEPVSKILSHVEEGNVVQLDRWDLHAEPNPEAGPEDRDEGATDRLPLDVFN NYFSLGFDAAHVTFEFHESREANPEKFNSRFRNKM FYAGTAFSDFLMGSSKDLAKHI

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

RVVCDGMDLTPKIQDLKPKCVVFLNIPRYCAGTMPWGHHPGEHHDFFPQRHDDGYL
 EVIGFTMTSLAALQVGGHGERLTQCREVLTTSKAIPVQVDGEPCKLAASRIRIALRN
 QATMVQKAKRRSAAPLHSDQQPVPEQLRIQVSRVSMHDYEALHYDKEQLKEASVPL
 GTVVVPGDSLELCRAHIERLQQEPDGAGAKSPTCQKLSPKWCFLDATTASRFYRI
 DRAQEHLNYVTEIAQDEIYILDPELLGASARPDLPTPTSPLPTSPCSPTPRSLQGDA
 PPQGEELIEAAKRND FCKLQELHRAGGDL MHRDEQSRTLLH HAVSTGSKDVVRYLL
 DHAPPEILDAVEENGETCLHQAAALGQRTICHYIVEAGASLMKTDQQGDTPRQRAE
 KAQDTELAAYLENRQHYQMIQREDQETAV

Applications

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

DGKZ diacylglycerol kinase, zeta [Homo sapiens]

Official Symbol

DGKZ

Synonyms

DGKZ; diacylglycerol kinase, zeta; diacylglycerol kinase, zeta 104kDa; diacylglycerol kinase zeta; DAGK5; DAGK6; DGK ZETA; hDGKzeta; DAG kinase zeta; diglyceride kinase zeta; DGK-ZETA;

Gene ID

8525

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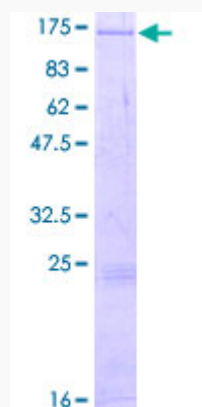
mRNA Refseq [NM_001105540](#)

Protein Refseq [NP_001099010](#)

MIM [601441](#)

UniProt ID [Q13574](#)

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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