

Recombinant Human DGKZ Protein, Flag-tagged

Cat. No. DGKZ-45H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DGKZ Protein (transcript variant 2) is produced by HEK293T expression system. This protein is fused with a Flag tag.
Species	Human
Source	HEK293
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.
Form	PBS buffer
Molecular Mass	104 kDa
AA Sequence	MEPRDGSPEARSSDSESASASSSGSERDAGPEPDKAPRRLNKRRFPGLRFLGHRK AITKSLQLHLAPPPPTPGAPCSESERQIRSTVDWSESATYGEHIWFETNVSGDFCYV GEQYCVARMLKSVSRRKCAACKIVVHTPCIEQLEKINFRCKPSFRESGSRNVREPTF VRHHWVHRRRQDGKCRHCGKGFQKFTFHSKEIVAISCSWCKQAYHSHKVSFCML QQIEEPCSLGVHAADVIPPTWILRARRPQNTLKASKKKKSRASFKRKSSKKGP EEGR WRPFIIRPTSPMLKPLLVFVNPKSGGNQGAIIQSFLWYLNPRQVFDLSQGGPKEA LEMYRKVHNLRLACGGDGTGVWILSTLDQLRLKPPPPVAILPLGTGNDLARTLNWG GGYTDEPVSKILSHVEEGNVVQLDRWDLHAEPNPEAGPEDRDEGATDRLPLDVFN

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NYFSLGFDAHVTLFHEHESREANPEKFNSRFRNKM FYAGTAFSDFLMGSSKDLAKHI
 RVVCDGMDLTPKIQDLKPQCVVFLNIPRYCAGTMPWGHHPGEHHD FEPQRHDDGYL
 EVIGFTMTSLAALQVGGHGERLTQCREVVLTTSKAIPVQVDGEPCKLAASRIRIALRN
 QATMVQKAKRRSAAPLHSDQQPVPEQLRIQVSRVSMHDYEALHYDKEQLKEASVPL
 GTVVVPGDSLELCRAHIERLQQEPDGAGAKSPTCQKLSPKWCFLDATTASRFYRI
 DRAQEHLNYVTEIAQDEIYILDPELLGASARPDLPPTSPPTSPCSPTPRSLQGDA
 PPQGEELIEAAKRND FCKLQELHRAGGDL MHRDEQSRTLLHHAVSTGSKDVVRYLL
 DHAPPEILDAVEENGETCLHQAAALGQRTICHYIVEAGASLMKTDQQGDTPRQRAE
 KAQDTELAAYLENRQHYQMIQREDQETAVTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name DGKZ diacylglycerol kinase, zeta [Homo sapiens]

Official Symbol DGKZ

Synonyms DGKZ; DAGK5; DAGK6; DGK ZETA; hDGKzeta; DAG kinase zeta; diglyceride kinase zeta; DGK-ZETA;

Gene ID 8525

mRNA Refseq NM_001105540

Protein Refseq NP_001099010

MIM 601441

UniProt ID Q13574

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Purified recombinant protein DGKZ was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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