Recombinant Human DGKZ protein, His-tagged

Cat. No. DGKZ-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DGKZ protein(750-982 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	750-982 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	LDPELLGASARPDLPTPTSPLPTSPCSPTPRSLQGDAAPPQGEELIEAAKRNDFCKL QELHRAGGDLMHRDEQSRTLLHHAVSTGSKDVVRYLLDHAPPEILDAVEENGETCL HQAAALGQRTICHYIVEAGASLMKTDQQGDTPRQRAEKAQDTELAAYLENRQHYQ MIQREDQETAV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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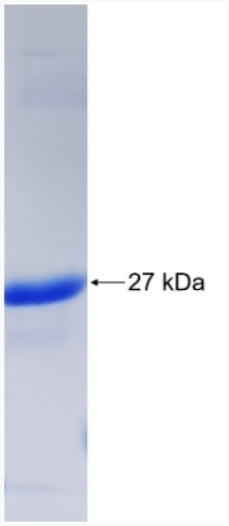
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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
mRNA Refseq	NM_001105540
Protein Refseq	NP_001099010
MIM	601441
UniProt ID	Q13574

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SDS-PAGE



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