

Recombinant Active Human DGKH Protein, His-tagged

Cat. No. DGKH-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human DGKH was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag
Species	Human
Source	Insect Cells
Description	This gene encodes a member of the diacylglycerol kinase (DGK) enzyme family. Members of this family are involved in regulating intracellular concentrations of diacylglycerol and phosphatidic acid. Variation in this gene has been associated with bipolar disorder. Alternatively spliced transcript variants have been identified.
Molecular Mass	Approx 139 kDa
Purity	> 85%
Stability	One year at -70 centigrade from data of shipment.
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.05 µg/µL
Storage Buffer	Recombinant protein stored in 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 150

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mM imidazole, 0.25 mM DTT, 25% glycerol.

Shipping Dry ice

GENE INFORMATION

Gene Name DGKH diacylglycerol kinase eta [Homo sapiens (human)]

Official Symbol DGKH

Synonyms DGKH; diacylglycerol kinase eta; DGKeta; diacylglycerol kinase eta; DAG kinase eta; diglyceride kinase eta; EC 2.7.1.107

Gene ID 160851

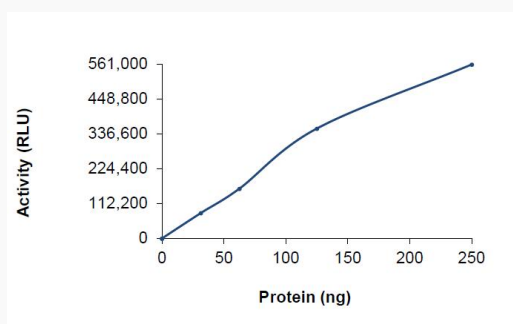
mRNA Refseq NM_178009

Protein Refseq NP_821077

MIM 604071

UniProt ID Q86XP1

Specific Activity



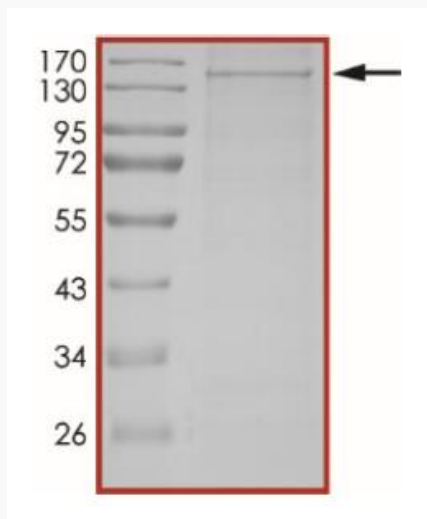
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The specific activity of DGKH was determined to be 10 nmol/min/mg as per activity assay protocol.

Purity



The purity of DGKG was determined to be > 85 % by densitometry.

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