

Recombinant Human DGKH Protein, His-tagged

Cat. No. DGKH-1335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DGKH Protein (Asp317-Thr451) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp317-Thr451
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.6 kDa Accurate Molecular Mass: 16 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 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

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

DGKH diacylglycerol kinase, eta [Homo sapiens (human)]

Official Symbol

DGKH

Synonyms

DGKH; diacylglycerol kinase, eta; DGKeta;

Gene ID

160851

mRNA Refseq

NM_178009

Protein Refseq

NP_821077

MIM

604071

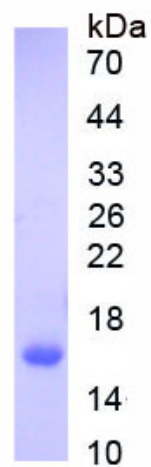
UniProt ID

Q86XP1

 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



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