

Recombinant Human DGKQ Protein, His-tagged

Cat. No. DGKQ-1336H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DGKQ Protein (Pro584-Ala721) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro584-Ala721
Description	The protein encoded by this gene contains three cysteine-rich domains, a proline-rich region, and a pleckstrin homology domain with an overlapping Ras-associating domain. It is localized in the speckle domains of the nucleus, and mediates the regeneration of phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.5 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

 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

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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 PBS or others.

GENE INFORMATION

Gene Name

DGKQ diacylglycerol kinase, theta 110kDa [Homo sapiens (human)]

Official Symbol

DGKQ

Synonyms

DGKQ; diacylglycerol kinase, theta 110kDa; DAGK4, diacylglycerol kinase, theta (110kD); diacylglycerol kinase theta; DAGK; DAGK7; DGK-theta; DAG kinase theta; diglyceride kinase theta; DAGK4;

Gene ID

1609

mRNA Refseq

NM_001347

Protein Refseq

NP_001338

MIM

601207

UniProt ID

P52824

 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