

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

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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

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