RPC435Mu01 50µg

Recombinant Diacylglycerol Kinase Alpha (DGKa)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

1304 Langham Creek Dr, Suite 226, Houston, TX 77084, USA | 001-888-960-7402 | www.cloud-clone.us | mail@cloud-clone.us
Export Processing Zone, Wuhan, Hubei 430056, PRC | 0086-800-880-0687 | www.cloud-clone.com | mail@cloud-clone.com

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: His305~Arg531

Tags: N-terminal His-Tag

Purity: >92%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200μg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.3

Predicted Molecular Mass: 29.0kDa

Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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°C 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.

[SEQUENCE]

HLEIHD DCLQAVGPEC DCGLLRDHIL PPCSIYPSVL VSGQECKHKT
TDDTSLCTPE AFRIEPVSNT HPLLVFINLK SGGKQGQSVL WKFQYILNPR
QVFDLKDGPE PGLRFFKDVP QFRILVCGGD GTVGWVLETI DKANFATVPP
VAVLPLGTGN DLARCLRWGR GYEGENLRKI LKDIELSKVV YLDRWFLEVI
PQQNGEKSDP VPSQIINNYF SIGVDASIAH R

[IDENTIFICATION]

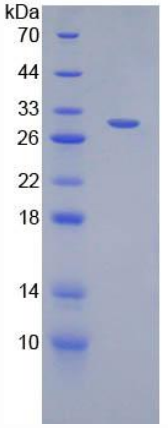

Figure 1. SDS-PAGE