Recombinant Acylglycerol Kinase (AGK) Instruction Manual

SIPG215Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Membrane, Mitochondrion

Predicted Molecular Mass 61.6kDa

Accurate Molecular Mass62kDa(Analysis of differences refer to the manual)Residues & TagsThr15~Pro300 with N-terminal His and GST TagBuffer FormulationPBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 8.8

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

SEQUENCE

TTAGLC LLTWGGHWLY GKHCDNLLRR AACQEAQVFG
NQLIPPNAQV KKATVFLNPA ACKGKARTLF EKNAAPILHL SGMDVTIVKT
DYEGQAKKLL ELMENTDVII VAGGDGTLQE VVTGVLRRTD EATFSKIPIG
FIPLGETSSL SHTLFAESGN KVQHITDATL AIVKGETVPL DVLQIKGEKE
QPVFAMTGLR WGSFRDAGVK VSKYWYLGPL KIKAAHFFST LKEWPQTHQA
SISYTGPTER PPNEPEETPV QRPSLYRRIL RRLASYWAQP QDALSQEVSP

USAGE

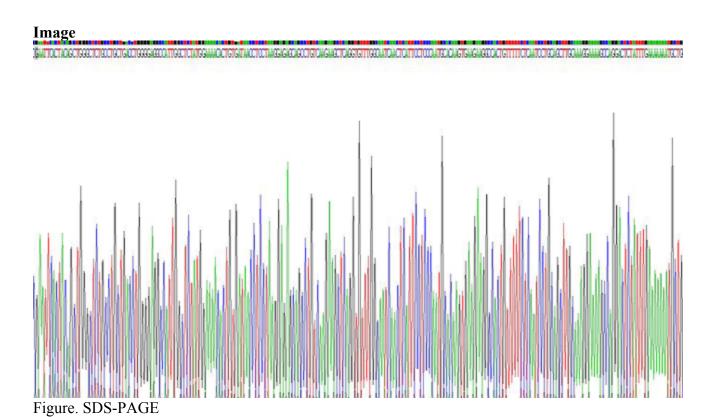
Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

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

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°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.



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.