

Recombinant Sidekick Homolog 1, Cell Adhesion Molecule (SDK1) Instruction Manual

SIPE141Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	45.0kDa
Accurate Molecular Mass	45kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro104~Thr476 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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PYFKTEP GLPQIHLEGN RLVLTCLAEG SWPLEFKWMR DDESELTTYSS  
EYKYIIPSLQ KLDAGFYRCV VRNRMGALLQ RKSEVQVAYM GSFMDTDQRK  
TVSQGRAAIL NLLPITSYPR PQVTFWREGH KIIPSNRIAI TLENQLVILA  
TTTSDAGAYY VQAVNEKNGE NKTSPFIHLS IARDVGTPEM MPTIVVPPG  
NRSVVAGSSE TTLECIASAR PVEDLSVTWK RNVVRLTSGE HSFGRRLTIS  
NPTSADTGPY VCEAALPGSA FEPARATAFL FIIPEPPYFTA EPESRISAEV  
EETVDIGCQA MGVPLPTLQW YKDAISISRL QNPRYKVLAS GGLRIQKLRP  
EDSGIFQCFA SNEGGEIQTH TYLDVT
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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.

Image

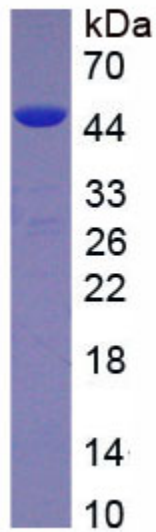


Figure. SDS-PAGE

[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.