

**RPE539Hu01 50µg**

**Recombinant Sidekick Homolog 1, Cell Adhesion Molecule (SDK1)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Pro104~Thr476

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane

**Purity:** > 95%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

**Original Concentration:** 350µg/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:** 6.7

**Predicted Molecular Mass:** 45.0kDa

**Accurate Molecular Mass:** 45kDa as determined by SDS-PAGE reducing conditions.

**[ USAGE ]**

Reconstitute in 10mM PBS (pH7.4) 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 ]**

PYFKTEP GLPQIHLEGN RLVLTCLAEG SWPLEFKWMR DSELTYYSS  
EYKYIIPSLQ KLDAGFYRCV VRNRMGALLQ RKSEVQVAYM GSFMDTDQRK  
TVSQGRAAIL NLLPITSYPR PQVTWFREGH KIIPSNRIAI TLENQLVILA  
TTTSDAGAYY VQAVNEKNGE NKTSPFIHLS IARDVGTPEM MPTIVVPPG  
NRSVVAGSSE TTLECIASAR PVEDLSVTWK RNGVRITSGE HSFGRRLTIS  
NPTSADTGPY VCEAALPGSA FEPARATAFL FIIPEPPYFTA EPESRISAEV  
EETVDIGCQA MGVPPLTLQW YKDAISISRL QNPRYKVLAS GGLRIQKLRP  
EDSGIFQCFA SNEGGEIQTH TYLDVT

**[ IDENTIFICATION ]**

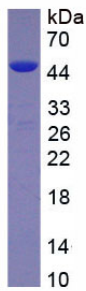


Figure. SDS-PAGE

**[ 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.