

RPQ577Hu01 50µg

Recombinant Cytoskeleton Associated Protein 4 (CKAP4)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: His128~Val602

Tags: N-terminal His Tag

Subcellular Location: Membrane, Endoplasmic reticulum lumen

Purity: > 80%

Traits: Freeze-dried powder

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

Original Concentration: 400µg/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: 4.7

Predicted Molecular Mass: 57.7kDa

Accurate Molecular Mass: 58kDa 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]

HHV LEEVQQVRRS HQDFSRQREE
 LGQGLQGVEQ KVQSLQATFG TFESILRSSQ HKQDLTEKAV KQGESEVSRI
 SEVLQKLQNE ILKDLSDGIH VVKDARERDF TSLENTVEER LTELTKSIND
 NIAIFTEVQK RSQKEINDMK AKVASLEESE GNKQDLKALK EAVKEIQTSA
 KSREWDMEAL RSTLQTMESD IYTEVRELVS LKQEQQAFKE AADTERLALQ
 ALTEKLLRSE ESVSRLPEEI RRLEEELRQL KSDSHGPKED GGFRHSEAFE
 ALQQKSQGLD SRLQHVEDGV LSMQVASARQ TESLESLLSK SQEHEQRLAA
 LQGRLEGLGS SEADQDGLAS TVRSLGETQL VLYGDVEELK RSVGELPSTV
 ESLQKVQEQV HTLLSQDQAQ AARLPPQDFL DRLSSLDNLK ASVSQVEADL
 KMLRTAVDSL VAYSVKIETN ENNLESAGKL LDDLRLNDLDR LFVKVEKIHE
 KV

[IDENTIFICATION]

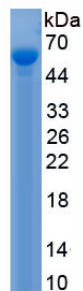


Figure. SDS-PAGE

[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.