

Recombinant Cytoskeleton Associated Protein 4 (CKAP4) Instruction Manual

SIPQ972Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Endoplasmic reticulum lumen
Predicted Molecular Mass	57.7kDa
Accurate Molecular Mass	58kDa(Analysis of differences refer to the manual)
Residues & Tags	His128~Val602 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	4.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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HHV LEEVQQVRRS HQDFSRQREE  
LGQGLQGVEQ KVQSLQATFG TFESILRSSQ HKQDLTEKAV KQGESEVSRI  
SEVLQKLQNE ILKDLSGDIH VVKDARERDF TSENTVEER LTELTKSIND  
NIAIFTEVQK RSQKEINDMK AKVASLEESE GNKQDLKALK EAVKEIQTSA  
KSREWDMEAL RSTLQTMESD IYTEVRELVS LKQEQQAFKE AADTERLALQ  
ALTEKLLRSE ESVSRLPEEI RRLEEEELRQL KSDSHGPKED GGFRHSEAFE  
ALQQKSQGLD SRLQHVEDGV LSMQVASARQ TESLESLLSK SQEHEQLLAA  
LQGRLEGLGS SEADQDGLAS TVRSLGETQL VLYGDVEELK RSVGELPSTV  
ESLQKVQEQQ HTLLSQDQAQ AARLPPQDFL DRLSSLDNLK ASVSQVEADL  
KMLRTAVDSL VAYSVKIETN ENNLESAKGL LDDLRLNDLDR LFKVKEKIHE  
KV
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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

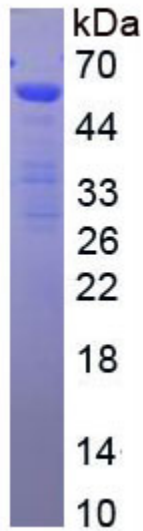


Figure. SDS-PAGE

[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.