

RPE749Hu01 1

Recombinant Karyopherin Alpha 4 (KPNa4)

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: Ala2~Phe521

Tags: N-terminal His and GST Tag

Subcellular Location: Nucleus, Cytoplasm

Purity: > 80%

Traits: Freeze-dried powder

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

Original Concentration: 100µg/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: 4.8

Predicted Molecular Mass: 87.8kDa

Accurate Molecular Mass: 88kDa 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.

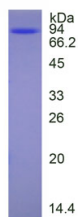
Aliquot and store at -80°C for 12 months.

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]

ADNEKLDNQR LKNFKNKGRD LETMRRQRNE VVVELRKNKR DEHLLKRRN
VPHEDICEDS DIDGDYRVQN TSLEAIVQNA SSDNQGIQLS AVQAARKLLS
SDRNPPIDD LIKSGILPIL VHCLERDDNP SLQFEAAWAL TNIASGTSEQ T
QAVVQSNA VPLFLRLLHS PHQNVCEQAV WALGNIIGDG PQRDYVISL GV
VKPLLSF ISPSIPITFL RNVTWVMVNL CRHKDPPPPM ETIQEILPAL CVL
IHHTDV NILVDTVWAL SYLTDAGNE 编辑栏 DSGIV PHLVPLLSHQ EVKV
QTAAL RAVGNIVTGT DEQTQVVLNC 编辑栏 编辑栏 编辑栏 编辑栏 编辑栏 编辑栏
PALL THPKEKINKE AVWFL
SNIT AGNQQVQAV IDANLVPMII HLLDKGDFGT QKEAAWAISN LTISGR
KDQ VAYLIQQNVI PPFCNLLTVK DAQVVQVVD GLSNILKMAE DEAETIG
NL IECCGLEKI EQLQNHENED IYKLAYEIID QFFSSDDIDE DPSLVPEA
I QGGTFGFNSS ANVPTEGFQF

[IDENTIFICATION]



[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.