

Recombinant Rat Kpna5 Protein, His-tagged

Cat. No. Kpna5-1720R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Kpna5 Protein (Met1-Asp285) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Asp285
Description	Predicted to enable nuclear import signal receptor activity and nuclear localization sequence binding activity. Predicted to be involved in NLS-bearing protein import into nucleus. Predicted to be located in cytosol. Predicted to be active in nucleoplasm. Orthologous to human KPNA5 (karyopherin subunit alpha 5).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36 kDa Accurate Molecular Mass: 36 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Kpna5 karyopherin alpha 5 (importin alpha 6) [*Rattus norvegicus* (Norway rat)]

Official Symbol

Kpna5

Synonyms

KPNA5; karyopherin alpha 5 (importin alpha 6); importin subunit alpha-6; karyopherin subunit alpha-5; lpoa6;

Gene ID

294392

mRNA Refseq

NM_001025113

Protein Refseq

NP_001020284

UniProt ID

Q56R16

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