Recombinant Mouse Kpna6 Protein, His-tagged

Cat. No. Kpna6-1721M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Kpna6 Protein (Met1-Ala311) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ala311
Description	Enables nuclear import signal receptor activity. Acts upstream of or within several processes, including entry of viral genome into host nucleus through nuclear pore complex via importin; positive regulation of macromolecule metabolic process; and protein import into nucleus. Predicted to be located in cytoplasm. Predicted to be active in nucleoplasm. Is expressed in several structures, including heart; liver; lung; oocyte; and spleen. Orthologous to human KPNA6 (karyopherin subunit alpha 6).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.8 kDa Accurate Molecular Mass: 39 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 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	Kpna6 karyopherin (importin) alpha 6 [Mus musculus (house mouse)]
Official Symbol	Kpna6
Synonyms	Kpna6; karyopherin (importin) alpha 6; IPOA7; Kpna5; NPI-2; importin subunit alpha-7; importin alpha 7; importin alpha-S2; karyopherin (importin) alpha 5; karyopherin subunit alpha-6
Gene ID	16650
mRNA Refseq	NM_008468
Protein Refseq	NP_032494
UniProt ID	O35345

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA