# Recombinant Rat Kpna5 Protein, His-tagged

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

## SPECIFICATION

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| **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<br>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

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| **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; Ipoa6; |
| **Gene ID** | 294392 |
| **mRNA Refseq** | NM_001025113 |
| **Protein Refseq** | NP_001020284 |
| **UniProt ID** | Q56R16 |

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