



# Recombinant Human Importin subunit alpha-5 (KPNA1)

<b>Product Code</b>	CSB-EP012483HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P52294
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	TTPGKENFR LKSYKNKSLN PDEMRRRREE EGLQLRKQKR EEQLFKRRNV ATAEEETEEE VMSDGGFHEA QISNMEMAPG GVITSDMIEM IFSKSPEQQL SATQKFRKLL SKEPNPPIDE VISTPGVVAR FVEFLKRKEN CTLQFESAWV LTNIASGNSL QTRIVIQAGA VPIFIPELLSS EFEDVQEQAVALWALGNIAGDS TMCRDYVLDC NILPPLLQLF SKQNRLTMTR NAVWALS NLC RGKSPPEFA KVSPCLNVLS WLLFVSDTDV LADACWALSY LSDGPNDKIQAVIDAGVCRR LVLLMHNDY KVVSPALRAV GNIVTGDDIQ TQVILNCSAL QSLLHLLSSP KESIKKEACW TISNITAGNR AQIQTVIDAN IFPALISILQ TAEFRTRKEA AWAITNATSG GSAEQIKYLV ELGCIKPLCD LLTVMDSKIV QVALNGLENI LRLGEQEAKR NGTGINPYCA LIEEAYGLDK IEFLQSHENQ EIYQKAFDLI EHYFGTEDED SSIAPQVDLN QQQYIFQQCE APMEGFQL
<b>Source</b>	E.coli
<b>Target Names</b>	KPNA1
<b>Protein Names</b>	Recommended name: Importin subunit alpha-1 Alternative name(s): Karyopherin subunit alpha-1 Nucleoprotein interactor 1 Short name= NPI-1 RAG cohort protein 2 SRP1-beta
<b>Expression Region</b>	2-538
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.