



# Recombinant Human Importin subunit alpha-3 (KPNA3)

<b>Product Code</b>	CSB-EP012485HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O00505
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AENPSLENH RIKSFKNKGR DVETMRRHRN EVTVELRKNK RDEHLLKARN VPQEESEDS DVDADFKAQN VTLEAILQNA TSDNPVVQLS AVQAARKLLS SDRNPPIDDL IKSGILPILV KCLERDDNPS LQFEAAWALT NIASGTAQT QAVVQSNVAVP LFLRLLRSPH QNVCEQAVWA LGNIIGDGPQ CRDYVISLGV VKPLLSFISP SIPITFLRNV TWVIVNLCRN KDPPPPMETV QEILPALCVL IYHTDINILV DTWALSILT DGGNEQIQMV IDSGVVPFLV PLLSHQEYKV QTAALRAVGN IVTGTDEQTQ VVLNCDVLSH FPNLLSHPKE KINKEAVWFL SNITAGNQQQ VQAVIDAGLI PMIIHQLAKG DFGTQKEAAW AISNLTISGR KDQVEYLVQQ NVIPPCFNLL SVKDSQVVQV VLDGLKNILI MAGDEASTIA EIIIECGGLE KIEVLQQHEN EDIYKLAFEI IDQYFSGDDI DEDPCLPEA TQGGTYNFDP TANLQTKEFN F
<b>Source</b>	E.coli
<b>Target Names</b>	KPNA3
<b>Protein Names</b>	Recommended name: Importin subunit alpha-3 Alternative name(s): Importin alpha Q2 Short name= Qip2 Karyopherin subunit alpha-3 SRP1-gamma
<b>Expression Region</b>	2-521
<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>Target Details</b>	The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC), which consists of 60-100 proteins. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion while larger molecules are transported by an active process. This protein belongs to the importin alpha family, and is involved in nuclear protein import.
<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.



## Shelf Life

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.