

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

KPNA2, 1-529aa, Human, His tag, E.coli

产品货号: TP02759

第三版

别名: Importin subunit alpha-2, IPOA1, QIP2, SRP1alpha.

描述: Karyopherin alpha2 (KPNA2) is a member of the karyopherin alpha family. This protein plays a key role in the nuclear import of proteins with a classical nuclear localization signal (NLS). KPNA2 bound in vitro specifically and directly to substrates containing either a simple or bipartite NLS motif. It promoted docking of import substrates to the nuclear envelope and together with recombinant human Ran reconstituted complete nuclear protein import.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量: 60.5 kDa (553aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMSTNENANTPAARLHRFKNKGKDSTEMRRRRRIEVNVELRKAKKDDQMLKRRN
VSSFPDDATSPLENRNNQGTVNWSVDDIVKGINSSNVENQLQATQAARKLLSREKQPPIDNIIRAGLIPKFVSFLGRTDCS
PIQFESAWALTNIASGTSEQTKVVVDGGAIPAFISLLASPHAHISEQAVWALGNIAGDGSVFRDLVIKYGAVDPLLALLAVP
DMSSLACGYLRNLTWTLNLCRNKNPAPPIDAVEQILPTLVRLHHDDPEVLADTCWAI SYLTDGPNERIGMVVKTGVVP
QLVKLLGASELPIVTPALRAIGNIVTGTDEQTQVVVIDAGALAVFPSLLTNPKTNIQKEATWTMSNITAGRQDQIQVVNH
GLVPFLVSVLSKADFQKEAVWAVTNYTSGGTVEQIVYLVHCGIIEPLMNLITAKDTKIILVILDAISNIFQAAENLGETEK
LSIMIEECGGLDKIEALQNHENESVYKASLSLIEKYFSVEEEEDQNVVPETTSEGYTFVQVDGAPGTFNF

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.