



Recombinant Human KPNA2 Protein Product Manual

1. Product Basic Information

Product No.: REP07306

Protein Name: KPNA2

Aliases: QIP2; RCH1; IPOA1; PTAC58; pendulin; SRP1alpha; SRP1-alpha; importin-alpha-P1

UniProt ID: P52292

UniProt Link: <https://www.uniprot.org/uniprotkb/P52292/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (2-529aa)

Molecular Weight: 87.0 kDa

Protein Tag: C-terminal mFc-tagged

2. Amino Acid Sequence (2-529aa)

STNENANTPAARLHRFKNKGKDDSTEMRRRRRIEVNVELRKAKKDDQMLKRRNVSSF
PDDATSPLQENRNNQGTVNWSVDDIVKGINSSNVENQLQATQAARKLLSREKQPPI
DNIIRAGLIPKFVSFLGRTDCSPIQFESAWALTNIASGTSEQTKAVVDGGAIPAFISLL
ASPHAHISEQAVWALGNIAGDGSVFRDLVIKYGAVDPLLALLAVPDMSSLACGYLRN
LTWTLSNLCRNKNPAPPIDAVEQILPTLVRLHHDDPEVLADTCWAISYLTGPNERI
GMVVKTGVVPQLVKLLGASELPVTPALRAIGNIVTGTDEQTQVVIDAGALAVFPSLL
TNPKTNIQKEATWTMSNITAGRQDQIQVVNHGLVPFLVSVLSKADFKTQKEAVWA
VTNYTSGGTVEQIVYLVHCGIIEPLMNLLTAKDTKIILVILDAISNIFQAAEKLGETEKL
IMIEECGGLDKIEALQNHENESVYKASLSLIEKYFSVEEEEEDQNVVPETTSEGYTFQV
QDGAPGTFNF

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human KPNA2 full length of mature protein protein (2-529aa) expressed in Mammalian cell. The protein is with mFc tag at the C-terminus, which facilitates protein purification, detection and identification. KPNA2, also known as QIP2 or RCH1 or IPOA1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.