

Recombinant Human KPNA2 Protein (His Tag)

Catalog Number: PKSH032670

Note: Centrifuge before opening to ensure complete recovery of vial contents.

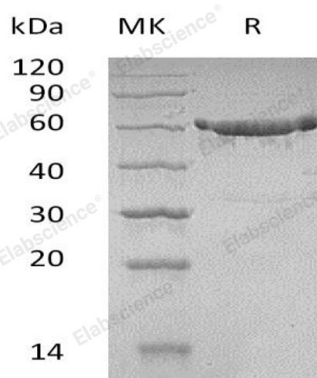
Description

| | |
|----------------------|---|
| Species | Human |
| Source | E.coli-derived Human KPNA2 protein Met 1-Phe529, with an N-terminal His |
| Calculated MW | 60.0 kDa |
| Observed MW | 46-63 kDa |
| Accession | P52292 |
| Bio-activity | Not validated for activity |

Properties

| | |
|----------------------|---|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Concentration | Subject to label value. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. |
| Shipping | This product is provided as liquid. It is shipped at frozen temperature with blue ice/ gel packs. Upon receipt, store it immediately at < - 20°C. |
| Formulation | Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 1mM DTT, 20% Glycerol, pH 8.0. |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Karyopherin Subunit α -2 (KPNA2) belongs to the importin alpha family. KPNA2 is widely expressed in many tissues and contains an N-terminal hydrophilic region, a hydrophobic central region composed of 10 repeats, and a short hydrophilic C-terminus. KPNA2 interacts with the NLSs of DNA helicase Q1 and SV40 T antigen and may be involved in the nuclear transport of proteins. KPNA2 also may play a role in V(D)J recombination. KPNA2 functions in nuclear protein importantly as an adapter protein for nuclear receptor KPNB1.

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