Recombinant NPIB3 protein (His tag)

Catalog Number	549602
Synonyms	Nuclear pore complex-interacting protein-like 3; Protein pps22-1
Species	Human
Expression System	E. coli
Accession	Q92617
Molecular Weight	Predictes a molecular mass of 10.85 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 11 kDa band.

Product Information

Sequence Region	140-215
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 140-215 aa (Q92617) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant NPIPB3 (Nuclear pore complex-interacting protein family member B3) fragment (residues 140-215) is a high-purity, stable protein designed for structural and biochemical studies. This 76-amino acid soluble unit enables reliable investigation of membrane-associated protein interactions and nuclear pore complex dynamics. The full-length Nuclear pore complex-interacting protein family member B3 (NPIPB3) is a human protein localized to the membrane and functions as a single-pass membrane protein. It plays a role in nuclear pore complex interactions, which are essential for nucleocytoplasmic transport and cellular signaling. The selected fragment represents a structurally stable region optimized for experimental applications, supporting research into membrane protein architecture and nuclear transport mechanisms.