Recombinant PCX4 protein (His tag)

Catalog Number	550124
Synonyms	Hepatitis C virus F protein-binding protein 2; HCV F protein-binding protein 2; Pecanex homolog protein 4
Species	Human
Expression System	E. coli
Accession	Q63HM2
Molecular Weight	Predictes a molecular mass of 33.19 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 34 kDa band.

Product Information

Sequence Region	902-1172
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 902-1172 aa (Q63HM2) 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 PCNX4 (Pecanex-like protein 4) fragment (902-1172) is a 271-amino acid protein derived from human Hepatitis C virus F protein-binding protein 2. This fragment has been computationally optimized for stability and solubility, making it an ideal tool for structural biology and biochemical assays. The full-length Pecanex-like protein 4 (PCNX4) is a multi-pass membrane protein localized to cellular membranes, as indicated by its subcellular location annotation. While detailed functional data is not provided, its association with Hepatitis C virus F protein suggests potential roles in viral-host interactions. The selected fragment represents a structurally stable region suitable for investigating protein-protein interactions and domain characterization without the complexities of full-length membrane protein expression.