Recombinant CDV3 protein (His tag)

Catalog Number	551040
Species	Human
Expression System	E. coli
Accession	Q9UKY7
Molecular Weight	Predictes a molecular mass of 12.18 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	168-258
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 168-258 aa (Q9UKY7) 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 Human CDV3 Protein Fragment (aa 168-258) - A highly stable and soluble protein fragment ideal for structural biology studies and biochemical characterization. This 91-amino acid fragment represents a computationally optimized region of the Protein CDV3 homolog, designed to facilitate reliable experimental results in your research applications. The full-length Protein CDV3 homolog, encoded by the CDV3 gene in Homo sapiens, is primarily localized to the cytoplasm as indicated by its subcellular location data. While specific functional details are still under investigation, the cytoplasmic localization suggests potential roles in intracellular signaling pathways, protein interactions, or regulatory processes within the cellular environment. This recombinant fragment provides researchers with a well-characterized tool to explore the structural and functional properties of this human protein.