Recombinant CC166 protein (His tag)

Catalog Number	551666
Species	Human
Expression System	E. coli
Accession	P0CW27
Molecular Weight	Predictes a molecular mass of 29.39 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 32 kDa band.

Product Information

Sequence Region	32-263
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 32-263 aa (P0CW27) 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	This product is a high-quality recombinant protein fragment of human Coiled-coil domain-containing protein 166 (CCDC166), encompassing amino acids 32-263. This 232-amino acid fragment has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies, biochemical characterization, and functional assay development. Coiled-coil domain-containing protein 166 (CCDC166) is a human protein encoded by the CCDC166 gene. While the specific molecular function and subcellular localization of the full-length protein are areas of active research, proteins containing coiled-coil domains are typically involved in critical cellular processes such as structural organization, molecular recognition, and signal transduction. This recombinant fragment provides a defined and tractable tool to investigate the properties and potential interactions of this protein, facilitating research into its biological role.