Recombinant CC201 protein (His tag)

Catalog Number	552096
Species	Human
Expression System	E. coli
Accession	A0A1B0GTI1
Molecular Weight	Predictes a molecular mass of 13.48 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	85-187
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 85-187 aa (A0A1B0GTI1) 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 201 (CCDC201), encompassing amino acids 85-187. This 103-amino-acid fragment has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies and functional biochemical assays. Coiled-coil domain-containing protein 201 (CCDC201) is a human protein encoded by the CCDC201 gene. While a detailed functional summary and subcellular localization for the full-length protein are not fully characterized, proteins containing coiled-coil domains are typically involved in critical cellular processes such as structural organization, molecular recognition, and regulatory functions. This recombinant fragment provides a defined and tractable unit to facilitate the investigation of CCDC201's properties and interactions.