Recombinant CC197 protein (His tag)

Catalog Number	545468
Synonyms	Coiled-coil domain-containing protein 197
Species	Human
Expression System	E. coli
Accession	Q8NCU1
Molecular Weight	Predictes a molecular mass of 17.74 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19 kDa band.

Product Information

Sequence Region	1-143
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 1-143 aa (Q8NCU1) 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 CCDC197 (Coiled-coil domain-containing protein 197) fragment (residues 1-143), a stable and soluble protein unit designed for structural and biochemical studies. This high-quality reagent enables researchers to investigate the properties of this uncharacterized protein in a manageable format. CCDC197 is a human protein containing a coiled-coil domain, a structural motif often involved in protein-protein interactions and molecular scaffolding. While the precise biological function and subcellular localization of the full-length protein remain uncharacterized, coiled-coil domain-containing proteins typically play roles in cellular organization, signaling, and complex assembly. This recombinant fragment provides a foundational tool for initial functional and structural explorations of CCDC197.