Recombinant CC150 protein (His tag)

Catalog Number	550718
Species	Human
Expression System	E. coli
Accession	Q8NCX0
Molecular Weight	Predictes a molecular mass of 54.19 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 62 kDa band.

Product Information

Sequence Region	560-1005
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 560-1005 aa (Q8NCX0) 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 Coiled-coil domain-containing protein 150 (CCDC150) fragment (residues 560-1005) is a high-quality protein product designed for structural and biochemical research. This 446-amino acid fragment was computationally optimized for stability and solubility, providing a reliable tool for investigating the functional properties of CCDC150 in experimental settings. Coiled-coil domain-containing protein 150, encoded by the CCDC150 gene in Homo sapiens, is a protein whose complete functional and subcellular localization details are still under investigation. As a member of the coiled-coil domain-containing protein family, it is anticipated to play roles in cellular structure organization, protein-protein interactions, or specialized biological processes, though specific mechanistic insights remain to be fully elucidated. The selection of this fragment supports ongoing efforts to characterize its biochemical behavior and potential contributions to cellular functions.