Recombinant CCD60 protein (His tag)

Catalog Number	551408
Species	Human
Expression System	E. coli
Accession	Q8IWA6
Molecular Weight	Predictes a molecular mass of 21.63 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 22 kDa band.

Product Information

Sequence Region	381-550
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 381-550 aa (Q8IWA6) 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 60 (CCDC60) Fragment (aa 381-550) is a high-purity, soluble protein fragment designed for structural biology and functional studies. This 170-amino acid fragment was computationally selected for optimal stability and solubility, providing a reliable reagent for investigating the properties of this human protein. Coiled-coil domain-containing protein 60 (CCDC60), encoded by the CCDC60 gene, is a human protein of significant research interest. While specific functional data and subcellular localization information for the full-length protein are not fully characterized in the provided data, proteins containing coiled-coil domains typically play crucial roles in cellular structure, protein-protein interactions, and intracellular organization. This recombinant fragment offers researchers a valuable tool to explore the biochemical and structural characteristics of CCDC60, potentially contributing to understanding its role in cellular processes.