Recombinant CD158 protein (His tag)

Catalog Number	550110
Species	Human
Expression System	E. coli
Accession	Q5M9N0
Molecular Weight	Predictes a molecular mass of 14.25 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Product Information

Sequence Region	730-838
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 730-838 aa (Q5M9N0) 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 158 (CCDC158) Fragment (aa 730-838) - A high-quality, stable protein fragment specifically designed for structural biology and biochemical studies. This 109-amino acid fragment was computationally selected to ensure optimal solubility and structural integrity, making it an ideal reagent for investigating the properties of this human protein. Coiled-coil domain-containing protein 158 (CCDC158) is a human protein identified by the gene CCDC158 (UniProt ID: Q5M9N0). While specific functional details and subcellular localization information for the full-length protein are not fully characterized, coiled-coil domain-containing proteins typically play important roles in cellular structure, protein-protein interactions, and various regulatory processes. The selected fragment (amino acids 730-838) represents a stable, soluble region that maintains structural properties suitable for experimental analysis, providing researchers with a valuable tool for studying this protein's characteristics and potential biological significance.