Recombinant CCD71 protein (His tag)

Catalog Number	551859
Species	Human
Expression System	E. coli
Accession	Q8IV32
Molecular Weight	Predictes a molecular mass of 9.26 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 9 kDa band.

Product Information

Sequence Region	282-355
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 282-355 aa (Q8IV32) 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 high-purity recombinant protein corresponds to a 74-amino acid fragment (residues 282-355) of human Coiled-coil domain-containing protein 71 (CCDC71). The fragment was computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies, antibody development, and functional characterization. Coiled-coil domain-containing protein 71 (CCDC71) is a human protein encoded by the CCDC71 gene. While the specific molecular function and subcellular localization of the full-length protein are not fully characterized, proteins containing coiled-coil domains are typically involved in critical cellular processes such as structural organization, intracellular transport, and signal transduction. The study of CCDC71 and its functional domains is therefore of significant interest in basic cell biology and biomedical research. This recombinant fragment provides a defined, soluble unit to facilitate these investigations.