Recombinant CC28A protein (His tag)

Catalog Number	549567
Synonyms	CCRL1AP
Species	Human
Expression System	E. coli
Accession	Q8IWP9
Molecular Weight	Predictes a molecular mass of 14.18 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	164-274
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 164-274 aa (Q8IWP9) 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 28A (CCRL1AP) Fragment (164-274) is a highly stable and soluble protein fragment designed for structural biology and biochemical studies. This 111-amino acid fragment represents a computationally optimized region of CCDC28A, providing researchers with a reliable tool for investigating protein function and interactions. Coiled-coil domain-containing protein 28A (CCDC28A), also known as CCRL1AP, is a human protein whose specific biological function and subcellular localization have not been fully characterized. As a coiled-coil domain-containing protein, it is likely involved in protein-protein interactions and structural organization within the cell. The full-length protein's precise role in cellular processes remains an area of active research, making this recombinant fragment a valuable reagent for functional studies and mechanistic investigations.