Recombinant CC138 protein (His tag)

Catalog Number	549338
Species	Human
Expression System	E. coli
Accession	Q96M89
Molecular Weight	Predictes a molecular mass of 37.33 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 37 kDa band.

Product Information

Sequence Region	352-665
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 352-665 aa (Q96M89) 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 recombinant protein product features a stable and soluble fragment (residues 352-665) of human Coiled-coil domain-containing protein 138 (CCDC138), designed for structural and biochemical studies to facilitate research on its functional properties. Coiled-coil domain-containing protein 138, encoded by the CCDC138 gene in Homo sapiens, is a protein whose specific function and subcellular localization are currently under investigation. The provided fragment (352-665) was computationally selected to ensure stability and solubility, enabling researchers to explore its potential roles in cellular processes through experimental analysis.