Recombinant CC022 protein (His tag)

Catalog Number	551862
Species	Human
Expression System	E. coli
Accession	Q8N5N4
Molecular Weight	Predictes a molecular mass of 17.34 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	1-141
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 1-141 aa (Q8N5N4) 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 product is a high-purity recombinant protein fragment of human Uncharacterized protein C3orf22 (residues 1-141). The fragment has been computationally selected for optimal stability and solubility, making it an ideal reagent for structural biology studies and biochemical characterization of this protein of unknown function. The full-length Uncharacterized protein C3orf22 (UniProt ID: Q8N5N4) is a human protein whose specific molecular function remains to be elucidated. It is known to localize to the cytoplasm, as supported by experimental evidence. This cytoplasmic localization suggests potential roles in intracellular signaling, metabolism, or other cytoplasmic processes. The provided fragment (1-141) represents a predicted stable structural unit of the protein, designed to facilitate experimental investigation into its structure and function.