Recombinant CF136 protein (His tag)

Catalog Number	551385
Species	Human
Expression System	E. coli
Accession	Q5SQH8
Molecular Weight	Predictes a molecular mass of 22.44 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 22 kDa band.

Product Information

Sequence Region	141-315
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 141-315 aa (Q5SQH8) 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 product features a stable, soluble fragment (residues 141-315) of the human Uncharacterized Protein C6orf136. The 175-amino acid fragment was computationally designed for optimal expression and is ideal for structural studies, antibody generation, and initial biochemical characterization of this novel protein. The full-length Uncharacterized Protein C6orf136 is encoded by the C6orf136 gene in Homo sapiens. As an uncharacterized protein, its precise biological function and subcellular localization are not yet defined in the scientific literature, representing a novel target for research. This product provides a key reagent for investigators aiming to elucidate the role of this protein in cellular processes and human biology.