Recombinant CH082 protein (His tag)

Catalog Number	551543
Species	Human
Expression System	E. coli
Accession	Q6P1X6
Molecular Weight	Predictes a molecular mass of 25.54 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 26 kDa band.

Product Information

Sequence Region	1-216
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 1-216 aa (Q6P1X6) 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-quality recombinant protein fragment of human UPF0598 protein C8orf82 (UniProt ID: Q6P1X6). The fragment, comprising residues 1-216, was computationally selected to represent a stable and soluble structural unit, making it an ideal reagent for structural biology studies, biochemical characterization, and functional assays. The full-length UPF0598 protein C8orf82 is encoded by the C8orf82 gene in Homo sapiens. While specific functional and subcellular localization data are not yet fully characterized, this protein represents an important target for basic research aimed at elucidating its biological role. The availability of this recombinant fragment facilitates experimental investigation into its structure and potential interactions, supporting ongoing efforts to understand its cellular significance.