Recombinant CA216 protein (His tag)

Catalog Number	545507
Species	Human
Expression System	E. coli
Accession	Q8TAB5
Molecular Weight	Predictes a molecular mass of 12.17 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	142-229
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 142-229 aa (Q8TAB5) 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 UPF0500 protein C1orf216 (Human) fragment (aa 142-229) is a high-purity, stable protein product designed for structural biology and biochemical studies. This 88-amino acid fragment was computationally optimized for solubility and stability, making it an ideal tool for investigating protein function and interactions. The full-length UPF0500 protein C1orf216 is encoded by the C1orf216 gene in Homo sapiens. While specific functional data and subcellular localization information for this protein are currently not fully characterized in available databases, it belongs to the UPF0500 family of proteins which are often involved in various cellular processes. This recombinant fragment provides researchers with a valuable reagent to initiate functional studies and characterize this under-explored human protein.