Recombinant CA087 protein (His tag)

Catalog Number	551411
Species	Human
Expression System	E. coli
Accession	Q8N0U7
Molecular Weight	Predictes a molecular mass of 12.26 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	173-264
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 173-264 aa (Q8N0U7) 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 the human Uncharacterized protein C1orf87 (residues 173-264). The 92-amino acid fragment has been computationally selected for optimal stability and solubility, making it an ideal reagent for structural biology studies, antibody development, and functional characterization of this novel protein. The full-length Uncharacterized protein C1orf87 is encoded by the C1orf87 gene in Homo sapiens. As an uncharacterized protein, its precise biological function and subcellular localization are not yet defined in the scientific literature. This presents a significant opportunity for novel discovery, and research using this recombinant fragment can contribute to elucidating the protein's role in cellular processes and potential relevance to human biology and disease.