Recombinant F217A protein (His tag)

Catalog Number	551563
Species	Human
Expression System	E. coli
Accession	Q8IXS0
Molecular Weight	Predictes a molecular mass of 11.86 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	214-301
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 214-301 aa (Q8IXS0) 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 Protein FAM217A (residues 214-301). The 88-amino acid fragment was computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies, antibody development, and functional characterization. Protein FAM217A, encoded by the FAM217A gene (UniProt ID: Q8IXS0), is a human protein of significant research interest. While the specific molecular function and subcellular localization of the full-length protein are still under investigation, FAM217A represents an important target for understanding novel cellular pathways and protein interactions. The study of this protein contributes to broader research in gene function annotation and proteomic exploration.