Recombinant F227A protein (His tag)

Catalog Number	551346
Species	Human
Expression System	E. coli
Accession	F5H4B4
Molecular Weight	Predictes a molecular mass of 21.50 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 22 kDa band.

Product Information

Sequence Region	136-304
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 136-304 aa (F5H4B4) 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 FAM227A (residues 136-304), designed for structural biology and functional studies. The 169-amino acid fragment was computationally optimized for stability and solubility, providing a reliable reagent for investigating this protein's role in cellular processes. FAM227A is a human protein encoded by the FAM227A gene (UniProt ID: F5H4B4). As specific functional and subcellular localization data are not yet fully characterized in the provided information, this recombinant fragment offers researchers a valuable tool to explore the protein's biochemical properties, interactions, and potential biological significance through experimental analysis.