Recombinant F227B protein (His tag)

Catalog Number	551435
Species	Human
Expression System	E. coli
Accession	Q96M60
Molecular Weight	Predictes a molecular mass of 20.34 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 21 kDa band.

Product Information

Sequence Region	150-304
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 150-304 aa (Q96M60) 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 Human FAM227B (150-304) is a high-purity, soluble protein fragment designed for structural biology and functional studies. This 155-amino acid fragment, derived from the full-length Protein FAM227B, was computationally selected for optimal stability and solubility, making it an ideal reagent for researchers investigating this uncharacterized human protein. The full-length Protein FAM227B, encoded by the gene FAM227B (UniProt ID: Q96M60), is a human protein of unknown function. No specific functional summary or subcellular localization data is currently available in the provided information. As such, it represents a target for exploratory research in protein characterization and functional annotation. This recombinant fragment provides a tractable tool to initiate biochemical, biophysical, and structural analyses to elucidate the role of FAM227B in cellular processes.