Recombinant F219B protein (His tag)

Catalog Number	550123
Species	Human
Expression System	E. coli
Accession	Q5XKK7
Molecular Weight	Predictes a molecular mass of 17.60 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 18 kDa band.

Product Information

Sequence Region	53-198
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 53-198 aa (Q5XKK7) 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 Protein FAM219B (53-198) is a highly pure, stable fragment designed for structural biology and functional studies. This 146-amino acid fragment was computationally optimized for solubility and stability, making it an ideal reagent for investigating the molecular properties of this human protein in research applications. Protein FAM219B is a human protein encoded by the FAM219B gene (UniProt ID: Q5XKK7). While comprehensive functional characterization and subcellular localization data for the full-length protein are not yet fully established, this recombinant fragment provides researchers with a valuable tool to initiate structural and biochemical investigations that may contribute to understanding the protein's biological significance and potential research applications.