Recombinant F180B protein (His tag)

Catalog Number	551707
Species	Human
Expression System	E. coli
Accession	Q6P0A1
Molecular Weight	Predictes a molecular mass of 17.76 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19 kDa band.

Product Information

Sequence Region	43-183
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 43-183 aa (Q6P0A1) 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 FAM180B (aa 43-183). The 141-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 secreted protein. FAM180B is a human protein encoded by the FAM180B gene (UniProt ID: Q6P0A1). The protein is annotated as a secreted protein, indicating it is released from the cell and may function in extracellular signaling or other intercellular processes. The specific biological function of the full-length FAM180B protein is an active area of research. This recombinant fragment provides a defined and soluble unit to facilitate experimental investigation into its structure and potential interactions.