Recombinant F177A protein (His tag)

Catalog Number	549823
Species	Human
Expression System	E. coli
Accession	Q8N128
Molecular Weight	Predictes a molecular mass of 19.61 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 24 kDa band.

Product Information

Sequence Region	58-213
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 58-213 aa (Q8N128) 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 FAM177A1 (Fragment 58-213) is a high-quality protein fragment designed for structural and biochemical studies. This 156-amino acid fragment was computationally selected to ensure stability and solubility, making it an ideal tool for researchers investigating protein function and interactions. Protein FAM177A1, encoded by the FAM177A1 gene, is a human protein with currently uncharacterized function and subcellular localization. As a member of the FAM177 family, it represents an area of active research interest for understanding novel cellular processes. The specific fragment (58-213) was selected based on structural predictions to provide researchers with a stable, soluble unit suitable for experimental characterization, potentially enabling future discoveries about this protein's biological role.