Recombinant F219A protein (His tag)

Catalog Number	551194
Species	Human
Expression System	E. coli
Accession	Q8IW50
Molecular Weight	Predictes a molecular mass of 17.53 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 18 kDa band.

Product Information

Sequence Region	43-185
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 43-185 aa (Q8IW50) 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 Protein FAM219A (43-185) is a high-quality, stable fragment of the human FAM219A protein, designed for structural and biochemical studies. This 143-amino acid fragment was computationally selected to ensure solubility and stability, making it an ideal tool for researchers investigating protein function and interactions. Protein FAM219A, encoded by the gene FAM219A in Homo sapiens, is a protein of interest with the UniProt ID Q8IW50. While specific functional details and subcellular localization are not fully characterized, this recombinant fragment (residues 43-185) provides a reliable reagent to advance studies on its potential roles in cellular processes, supporting experimental efforts in structural biology and molecular research.