Recombinant FA43A protein (His tag)

Catalog Number	551995
Species	Human
Expression System	E. coli
Accession	Q8N2R8
Molecular Weight	Predictes a molecular mass of 18.58 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19 kDa band.

Product Information

Sequence Region	66-214
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 66-214 aa (Q8N2R8) 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 fragment of human Protein FAM43A (residues 66-214), designed for structural biology and biochemical studies. The 149-amino acid fragment was computationally selected to provide a stable, soluble unit ideal for investigating protein function and interactions. Protein FAM43A, encoded by the gene FAM43A, is a human protein of research interest. While specific functional details and subcellular localization data are not fully characterized in the provided information, this recombinant fragment offers a valuable tool for researchers aiming to elucidate the protein's structure, stability, and molecular role in cellular processes.