Recombinant FA43B protein (His tag)

Catalog Number	551855
Species	Human
Expression System	E. coli
Accession	Q6ZT52
Molecular Weight	Predictes a molecular mass of 18.99 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19 kDa band.

Product Information

Sequence Region	67-222
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 67-222 aa (Q6ZT52) 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 high-quality recombinant protein product features a stable, soluble fragment (residues 67-222) of human Protein FAM43B, designed for robust performance in structural biology and biochemical assays. The 156-amino acid fragment was computationally optimized for expression and purification, providing researchers with a reliable tool to investigate this protein. Protein FAM43B, encoded by the gene FAM43B, is a human protein identified under UniProt accession Q6ZT52. While the specific molecular function and subcellular localization of the full-length protein are areas of active research, this recombinant fragment offers a defined starting point for such investigations. The selected fragment represents a predicted stable structural unit, enabling researchers to initiate functional characterization, interaction studies, and structural analysis to elucidate the biological role of FAM43B.