Recombinant F216B protein (His tag)

Catalog Number	551863
Species	Human
Expression System	E. coli
Accession	Q8N7L0
Molecular Weight	Predictes a molecular mass of 13.48 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	1-99
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 1-99 aa (Q8N7L0) 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	Introducing our high-quality recombinant protein: Human FAM216B (1-99). This 99-amino acid fragment, derived from the full-length Protein FAM216B, has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies and biochemical characterization. Protein FAM216B, encoded by the gene FAM216B, is a human protein of significant research interest. While the specific molecular function and subcellular localization of the full-length protein are areas of active investigation, studies of FAM216B and its fragments contribute to the broader understanding of protein families and cellular processes. The production of this defined, stable fragment enables focused research to elucidate its structural properties and potential functional roles.