Recombinant F228B protein (His tag)

Catalog Number	552087
Species	Human
Expression System	E. coli
Accession	P0C875
Molecular Weight	Predictes a molecular mass of 27.12 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 29 kDa band.

Product Information

Sequence Region	33-244
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 33-244 aa (P0C875) 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 protein corresponding to amino acids 33-244 of human Protein FAM228B. This 212-amino acid fragment has been computationally selected for optimal stability and solubility, making it an ideal reagent for structural biology studies, biochemical characterization, and functional assay development. Protein FAM228B, encoded by the gene FAM228B, is a human protein of interest to the research community. While detailed functional and subcellular localization data for the full-length protein are still under investigation, this recombinant fragment provides a valuable tool for researchers to explore its biochemical properties, protein-protein interactions, and potential role in cellular processes. The availability of this well-characterized fragment accelerates the study of this protein by providing a soluble, stable unit for experimental analysis.