Recombinant F228A protein (His tag)

Catalog Number	549268
Species	Human
Expression System	E. coli
Accession	Q86W67
Molecular Weight	Predictes a molecular mass of 15.20 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	1-117
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 1-117 aa (Q86W67) 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 Human Protein FAM228A (1-117) is a high-purity, stable fragment designed for structural and biochemical studies. This 117-amino acid construct, derived from the FAM228A gene, offers researchers a soluble and reliable tool for investigating protein function and interactions in vitro. Protein FAM228A, encoded by the FAM228A gene in Homo sapiens, is a protein of interest with its functional roles and subcellular localization still under investigation. The provided fragment (residues 1-117) was computationally selected to ensure optimal solubility and stability, facilitating experimental applications where the full-length protein may present challenges. This construct enables focused studies on the protein's core regions, supporting research into its potential biological significance.