Recombinant F133A protein (His tag)

Catalog Number	538513
Species	Human
Expression System	E. coli
Accession	Q8N9E0
Molecular Weight	Predictes a molecular mass of 11.35 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	1-82
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 1-82 aa (Q8N9E0) 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 FAM133A Protein Fragment (1-82) is a high-quality, soluble protein preparation designed for structural biology and biochemical studies. This 82-amino acid fragment represents a computationally optimized, stable region of FAM133A, ensuring excellent performance in experimental applications where protein stability and solubility are critical. Protein FAM133A (UniProt ID: Q8N9E0) is a human protein whose specific biological function and subcellular localization are currently under investigation. As a member of the FAM133 protein family, it represents an important target for basic research aimed at understanding its physiological role and potential relevance to human biology. The selected fragment (amino acids 1-82) was computationally designed to provide researchers with a stable, soluble protein unit suitable for advancing structural and functional characterization studies of this emerging protein target.