Recombinant F131C protein (His tag)

Catalog Number	550471
Species	Human
Expression System	E. coli
Accession	Q96AQ9
Molecular Weight	Predictes a molecular mass of 11.15 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 11 kDa band.

Product Information

Sequence Region	81-168
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 81-168 aa (Q96AQ9) 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 Protein FAM131C (81-168) is a high-purity, stable fragment derived from the human FAM131C gene. This 88-amino acid fragment was computationally designed for optimal solubility and structural integrity, making it an ideal tool for structural biology, biochemical assays, and functional studies. Protein FAM131C, encoded by the gene FAM131C in Homo sapiens, is a protein of interest with the UniProt ID Q96AQ9. While detailed functional and subcellular localization data are not fully characterized, this recombinant fragment (81-168) was selected based on structural predictions to represent a stable and soluble unit, facilitating research into its potential roles and interactions in cellular processes.