Recombinant F131B protein (His tag)

Catalog Number	549815
Species	Human
Expression System	E. coli
Accession	Q86XD5
Molecular Weight	Predictes a molecular mass of 12.15 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	50-145
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 50-145 aa (Q86XD5) 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 FAM131B (Fragment 50-145) is a 96-amino acid fragment designed for structural and biochemical studies. This fragment was computationally selected to ensure high stability and solubility, making it an ideal tool for researchers investigating protein function and interactions. Protein FAM131B, encoded by the gene FAM131B in Homo sapiens, is a protein of interest in biological research. While specific functional details and subcellular localization are still under investigation, this recombinant fragment provides a valuable reagent for exploring the protein's potential roles and characteristics in cellular processes.