Recombinant FA47A protein (His tag)

Catalog Number	551145
Species	Human
Expression System	E. coli
Accession	Q5JRC9
Molecular Weight	Predictes a molecular mass of 13.54 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	692-791
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 692-791 aa (Q5JRC9) 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 FAM47A (692-791) is a high-purity, 100-amino acid fragment derived from the human FAM47A protein. This fragment was computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies, biochemical assays, and functional investigations. Protein FAM47A, encoded by the FAM47A gene in Homo sapiens, is a protein of interest with limited functional characterization currently available in public databases. As no specific functional summary or subcellular localization data is provided, researchers are encouraged to utilize this recombinant fragment to explore its potential roles, interactions, and cellular significance in their experimental systems.