Recombinant FA50B protein (His tag)

Catalog Number	543913
Synonyms	Protein XAP-5-like
Species	Human
Expression System	E. coli
Accession	Q9Y247
Molecular Weight	Predictes a molecular mass of 40.24 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 47 kDa band.

Product Information

Sequence Region	2-325
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 2-325 aa (Q9Y247) 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 FAM50B (Protein XAP-5-like) Fragment (2-325) - A high-quality, stable protein fragment specifically designed for structural biology and biochemical studies. This 324-amino acid recombinant protein represents a computationally optimized soluble domain of FAM50B, providing researchers with a reliable tool for investigating protein function and interactions. FAM50B (Family with Sequence Similarity 50 Member B), also known as Protein XAP-5-like, is encoded by the FAM50B gene in humans. While specific functional details and subcellular localization information for the full-length protein are still under investigation, FAM50B belongs to a protein family of interest in cellular processes. The selected fragment (amino acids 2-325) encompasses the primary structural domain of the protein and was computationally designed to ensure optimal stability and solubility, making it particularly valuable for researchers studying protein structure-function relationships and molecular interactions.