Recombinant ERI6B protein (His tag)

Catalog Number	550122
Synonyms	Protein FAM194B
Species	Human
Expression System	E. coli
Accession	Q5W0A0
Molecular Weight	Predictes a molecular mass of 27.67 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 28 kDa band.

Product Information

Sequence Region	474-696
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 474-696 aa (Q5W0A0) 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 Glutamate-rich protein 6B (FAM194B) Fragment (474-696) is a high-purity, stable protein fragment designed for structural and biochemical research. This 223-amino acid fragment was computationally optimized for solubility and stability, making it an ideal tool for investigating protein function and interactions in experimental settings. Glutamate-rich protein 6B, encoded by the gene ERICH6B, is a human protein identified as FAM194B. While specific functional details and subcellular localization for the full-length protein are not fully characterized, this recombinant fragment (residues 474-696) represents a structurally stable region selected through computational analysis to facilitate reliable experimental studies. Researchers can utilize this fragment to explore potential roles of ERICH6B in cellular processes, aiding in the broader understanding of its biological significance.