Recombinant ERIC1 protein (His tag)

Catalog Number	551727
Species	Human
Expression System	E. coli
Accession	Q86X53
Molecular Weight	Predictes a molecular mass of 14.85 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	328-443
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 328-443 aa (Q86X53) 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	This product is a high-quality recombinant fragment of human Glutamate-rich protein 1 (ERICH1), encompassing amino acids 328-443. This 116-amino acid fragment has been computationally designed to provide a stable and soluble unit, making it an ideal reagent for structural studies, biochemical characterization, and functional assays. Glutamate-rich protein 1 (ERICH1) is a human protein encoded by the ERICH1 gene (UniProt ID: Q86X53). While the specific molecular function and subcellular localization of the full-length protein are not fully characterized, it is recognized as a glutamate-rich protein, suggesting potential roles in cellular processes involving amino acid metabolism, signaling, or structural organization. Research on ERICH1 contributes to the broader understanding of protein families with high glutamate content and their physiological significance.