Recombinant EVPLL protein (His tag)

Catalog Number	551338
Species	Human
Expression System	E. coli
Accession	A8MZ36
Molecular Weight	Predictes a molecular mass of 15.33 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	185-301
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 185-301 aa (A8MZ36) 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 protein fragment of human Envoplakin-like protein (EVPLL), encompassing residues 185-301. This 117-amino acid fragment was computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies, antibody development, and functional assays. The full-length Envoplakin-like protein (EVPLL), encoded by the EVPLL gene in Homo sapiens, is a component of the cornified envelope in terminally differentiated keratinocytes. While specific functional and subcellular localization data for this isoform are not fully characterized, proteins in this family typically play crucial roles in epithelial barrier formation and cellular integrity. This recombinant fragment provides a defined, soluble unit to facilitate research into its molecular structure and potential interactions.