Recombinant ERFL protein (His tag)

Catalog Number	551607
Synonyms	ETS repressor factor-like
Species	Human
Expression System	E. coli
Accession	A0A1W2PQ73
Molecular Weight	Predictes a molecular mass of 12.14 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	41-125
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 41-125 aa (A0A1W2PQ73) 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 the human ETS domain-containing transcription factor ERF-like (ERFL). The fragment, spanning residues 41-125, is a stable and soluble 85-amino acid unit, specifically designed for structural biology and biochemical studies. The full-length ETS repressor factor-like (ERFL) protein is a transcription factor localized to the nucleus. As a member of the ETS family, it is involved in the regulation of gene expression, playing critical roles in fundamental cellular processes. This recombinant fragment was computationally selected to provide a well-behaved, monodisperse protein sample, enabling detailed investigation of its properties and interactions in vitro.