Recombinant RL37L protein (His tag)

Catalog Number	551787
Synonyms	Putative 60S ribosomal protein L37a-like protein; Ribosomal protein L37a pseudogene 8
Species	Human
Expression System	E. coli
Accession	A6NKH3
Molecular Weight	Predictes a molecular mass of 12.23 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	1-93
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 1-93 aa (A6NKH3) 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 Putative ribosomal protein eL43-like (RPL37AP8), encompassing amino acids 1-93. The fragment was computationally designed to provide a stable and soluble unit, making it an ideal reagent for structural biology studies, biochemical characterization, and functional assays. The full-length protein, encoded by the pseudogene RPL37AP8, is annotated as a Putative ribosomal protein eL43-like or Putative 60S ribosomal protein L37a-like protein. While specific functional and subcellular localization data for this particular human protein is not fully characterized, proteins in this family are typically involved in ribosome assembly and protein synthesis within the cell. This recombinant fragment offers a valuable tool for researchers to investigate the properties and potential interactions of this ribosomal protein family member.