Recombinant RL35 protein (His tag)

Catalog Number	539958
Synonyms	60S ribosomal protein L35
Species	Human
Expression System	E. coli
Accession	P42766
Molecular Weight	Predictes a molecular mass of 16.07 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	2-123
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 2-123 aa (P42766) 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 Large Ribosomal Subunit Protein uL29 (RPL35) Fragment (2-123) is a high-quality, soluble protein fragment designed for structural and biochemical studies. This fragment, corresponding to amino acids 2-123 of the full-length protein, is computationally optimized for stability and solubility, making it an ideal tool for investigating ribosomal assembly and function. The full-length Large Ribosomal Subunit Protein uL29, encoded by the RPL35 gene, is a key component of the large ribosomal subunit in humans. As part of the ribosome, a large ribonucleoprotein complex, it plays an essential role in protein synthesis by facilitating the translation of mRNA into functional proteins. The protein is localized in the cytoplasm, where it contributes to ribosomal integrity and function. This recombinant fragment represents a stable and soluble unit, enabling detailed analysis of its structural and functional properties in ribosomal biology.