Recombinant RL9 protein (His tag)

Catalog Number	536696
Synonyms	60S ribosomal protein L9
Species	Drosophila melanogaster
Expression System	E. coli
Accession	P50882
Gene ID	34526
Molecular Weight	Predictes a molecular mass of 23.05 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	1-190
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 1-190 aa (P50882) 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 Drosophila melanogaster Large ribosomal subunit protein uL6 (60S ribosomal protein L9) fragment (amino acids 1-190) - A highly stable and soluble protein fragment ideal for structural biology studies and biochemical characterization of ribosome assembly and function. The full-length Large ribosomal subunit protein uL6 (also known as 60S ribosomal protein L9) is encoded by the RpL9 gene in Drosophila melanogaster. As a component of the large ribosomal subunit, this protein plays an essential role in protein synthesis, contributing to the structural integrity and functional capacity of the ribosome. The selected fragment (amino acids 1-190) represents a computationally optimized stable domain that maintains key structural features while exhibiting enhanced solubility properties for experimental applications.