Recombinant RL26L protein (His tag)

Catalog Number	550261
Synonyms	60S ribosomal protein L26-like 1; Large ribosomal subunit protein uL24-like 1
Species	Human
Expression System	E. coli
Accession	Q9UNX3
Molecular Weight	Predictes a molecular mass of 18.91 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19 kDa band.

Product Information

Sequence Region	1-145
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 1-145 aa (Q9UNX3) 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 recombinant protein product features a stable 1-145 amino acid fragment of human Ribosomal protein uL24-like (RPL26L1), specifically engineered for structural and biochemical research applications. The fragment represents a computationally optimized soluble domain ideal for investigating ribosomal protein function and architecture. Ribosomal protein uL24-like (RPL26L1) is a component of the large ribosomal subunit in humans. As a ribosomal protein, it plays a fundamental role in protein synthesis by contributing to the structural integrity and functional capacity of the ribosome. Ribosomal proteins are essential for cellular function and are involved in translating genetic information into functional proteins, making them critical targets for understanding basic cellular processes and potential therapeutic interventions.