Recombinant LAR1B protein (His tag)

Catalog Number	542872
Synonyms	La ribonucleoprotein domain family member 1B; La ribonucleoprotein domain family member 2; La-related protein 2
Species	Human
Expression System	E. coli
Accession	Q659C4
Molecular Weight	Predictes a molecular mass of 19.89 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 21 kDa band.

Product Information

Sequence Region	696-841
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 696-841 aa (Q659C4) 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 La-related protein 1B (La ribonucleoprotein domain family member 1B), spanning amino acids 696-841. This 146-amino acid fragment has been computationally optimized for stability and solubility, making it an ideal tool for structural studies, biochemical assays, and functional investigations of this human protein. La-related protein 1B (LARP1B) is encoded by the LARP1B gene in Homo sapiens and represents a member of the La ribonucleoprotein domain family. While specific functional details and subcellular localization information for the full-length protein are not fully characterized in the provided data, proteins in this family are generally involved in RNA metabolism and binding. The availability of this well-characterized fragment provides researchers with a valuable reagent to advance understanding of LARP1B's biological role through experimental approaches.