Recombinant SLEL protein (His tag)

Catalog Number	536618
Species	Drosophila melanogaster
Expression System	E. coli
Accession	Q9VGZ8
Gene ID	41263
Molecular Weight	Predictes a molecular mass of 12.89 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	576-674
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 576-674 aa (Q9VGZ8) 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 and soluble fragment (residues 576-674) of the Slender lobes-like protein from Drosophila melanogaster. This 99-amino acid fragment was computationally selected for optimal expression and purification, making it an ideal reagent for structural studies, biochemical assays, and functional characterization in research applications. The full-length Slender lobes-like protein is encoded in the fruit fly Drosophila melanogaster and is identified by UniProt accession Q9VGZ8. While specific functional details and subcellular localization information for the complete protein are not fully characterized, this fragment represents a structurally stable unit designed to facilitate experimental investigation into the protein's properties and potential biological roles.