Recombinant YPL2 protein (His tag)

Catalog Number	536656
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	O44440
Gene ID	177105
Molecular Weight	Predictes a molecular mass of 15.80 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	1-127
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 1-127 aa (O44440) 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 Protein yippee-like B0546.4 (residues 1-127) is a high-purity fragment designed for investigating the functional properties of the Yippee domain. This product serves as an essential tool for researchers studying domain-specific mechanisms in Caenorhabditis elegans. Protein yippee-like B0546.4 is a protein from the model organism Caenorhabditis elegans, identified by UniProt ID O44440. The provided fragment spans residues 1-127 and fully encompasses the Yippee domain (residues 14-111), enabling focused studies on the structure and activity of this conserved domain. While detailed functional and localization data are not specified, this recombinant protein supports exploration of domain-related interactions and pathways in experimental settings.