Recombinant YNC5 protein (His tag)

Catalog Number	536925
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	P34538
Gene ID	185481
Molecular Weight	Predictes a molecular mass of 18.33 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 18 kDa band.

Product Information

Sequence Region	33-178
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 33-178 aa (P34538) 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 fragment of the uncharacterized protein R05D3.5 from Caenorhabditis elegans, encompassing residues 33-178 and fully containing the MSP domain. This high-purity protein is an essential tool for investigating the structure and specific functions of the MSP domain in targeted research applications. The full-length uncharacterized protein R05D3.5, identified in Caenorhabditis elegans, lacks detailed functional characterization and subcellular localization data in the provided information. As such, its biological roles and significance remain to be elucidated through further experimental studies. This recombinant fragment, which includes the MSP domain, offers researchers a focused reagent to explore domain-specific activities and contribute to understanding the protein's potential functions in cellular processes.