Recombinant YNP5 protein (His tag)

Catalog Number	536509
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	P34558
Gene ID	176375
Molecular Weight	Predictes a molecular mass of 29.04 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 30 kDa band.

Product Information

Sequence Region	1-237
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 1-237 aa (P34558) 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 Uncharacterized protein T05G5.5 (P34558) fragment (1-237) from Caenorhabditis elegans, encompassing the complete DPCK functional domain. This high-quality protein fragment serves as an essential research tool for investigating domain-specific functions and advancing understanding of this uncharacterized protein's biological role. The full-length Uncharacterized protein T05G5.5 from Caenorhabditis elegans represents a protein of significant research interest whose specific biological function and subcellular localization remain to be fully characterized. As an uncharacterized protein, it presents opportunities for novel discoveries in molecular biology and cellular processes. The presence of the DPCK domain within this fragment suggests potential involvement in specific enzymatic or regulatory functions, making this recombinant protein particularly valuable for researchers exploring domain-specific activities and functional characterization studies in model organisms.