Recombinant YN02 protein (His tag)

Catalog Number	536532
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	Q03606
Gene ID	176302
Molecular Weight	Predictes a molecular mass of 38.76 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 40 kDa band.

Product Information

Sequence Region	248-575
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 248-575 aa (Q03606) 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 CRAL-TRIO domain-containing protein T23G5.2 fragment (residues 248-575) from Caenorhabditis elegans. This high-purity protein contains the complete CRAL-TRIO functional domain (residues 319-495), providing researchers with a specialized tool for investigating domain-specific molecular mechanisms and interactions. The full-length CRAL-TRIO domain-containing protein T23G5.2 (UniProt ID: Q03606) is derived from the model organism Caenorhabditis elegans. CRAL-TRIO domains are known to function in lipid binding and protein-protein interactions, suggesting this protein may play roles in intracellular signaling or transport pathways. The provided fragment enables focused study of the CRAL-TRIO domain's structural and functional properties without interference from other protein regions.