Recombinant C19L1 protein (His tag)

Catalog Number	536650
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	O16216
Gene ID	179000
Molecular Weight	Predictes a molecular mass of 32.00 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 32 kDa band.

Product Information

Sequence Region	1-273
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 1-273 aa (O16216) 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 CWF19-like protein 1 homolog (CWF-19L1) fragment (amino acids 1-273) from Caenorhabditis elegans, representing a stable and soluble protein unit ideal for structural biology and biochemical studies. The CWF19-like protein 1 homolog is encoded by the cwf-19L1 gene in Caenorhabditis elegans (UniProt ID: O16216). While specific functional details and subcellular localization information are not fully characterized, this protein belongs to the CWF19 family, which is conserved across eukaryotes and implicated in RNA processing and cell cycle regulation. The provided recombinant fragment (1-273) was computationally selected to ensure stability and solubility, making it particularly valuable for researchers investigating protein structure-function relationships and molecular mechanisms in model organisms.