Recombinant YO30 protein (His tag)

Catalog Number	536210
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	Q23570
Gene ID	191388
Molecular Weight	Predictes a molecular mass of 24.42 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 26 kDa band.

Product Information

Sequence Region	22-218
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 22-218 aa (Q23570) 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 GILT-like protein ZK669.3 fragment (amino acids 22-218) from Caenorhabditis elegans, representing a stable and soluble structural unit ideal for structural biology and biochemical studies. The full-length GILT-like protein ZK669.3 from Caenorhabditis elegans is a secreted protein, as indicated by its subcellular localization. Secreted proteins typically function in extracellular processes, including cell signaling, immune responses, or enzymatic activities in the extracellular matrix. This recombinant fragment (22-218) encompasses the complete predicted structural domain and was selected through computational analysis to ensure optimal stability and solubility for experimental applications.