Recombinant ODD1 protein (His tag)

Catalog Number	534753
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	P41995
Gene ID	181893
Molecular Weight	Predictes a molecular mass of 12.02 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	122-206
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 122-206 aa (P41995) 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 Protein odd-skipped-related 1 (odd-1) Fragment (residues 122-206) from Caenorhabditis elegans. This 85-amino acid fragment is a stable, soluble unit ideal for structural studies and biochemical assays, supporting research in developmental biology and transcription regulation. The full-length Protein odd-skipped-related 1, encoded by the odd-1 gene in Caenorhabditis elegans, is a probable transcription regulator essential for larval development. It plays a critical role in morphogenesis and function of the digestive tract, as demonstrated in scientific studies. The protein is localized to the nucleus, consistent with its regulatory functions in gene expression during development.