Recombinant HAL3 protein (His tag)

Catalog Number	537020
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	Q10006
Gene ID	188538
Molecular Weight	Predictes a molecular mass of 27.08 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 31 kDa band.

Product Information

Sequence Region	36-252
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 36-252 aa (Q10006) 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 hal-3 Fragment (36-252) is a highly pure, stable protein fragment derived from Caenorhabditis elegans, specifically engineered for structural biology and biochemical research applications. This 217-amino acid fragment represents a computationally optimized soluble domain ideal for investigating protein function and interactions. The full-length uncharacterized protein hal-3 from Caenorhabditis elegans (UniProt ID: Q10006) represents a protein of significant research interest whose complete biological function and subcellular localization remain to be fully characterized. As an uncharacterized protein, hal-3 offers exciting opportunities for discovery in molecular biology and functional genomics research.