Recombinant BZIP8 protein (His tag)

Catalog Number	536330
Species	Caenorhabditis elegans
Expression System	E. coli
Accession	P46505
Gene ID	175924
Molecular Weight	Predictes a molecular mass of 15.56 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	61-176
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 61-176 aa (P46505) 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 bZIP transcription factor 8 (zip-8) fragment (residues 61-176) from Caenorhabditis elegans, encompassing the complete bZIP domain. This high-purity protein is an essential tool for investigating domain-specific functions in transcription factor studies. bZIP transcription factor 8, encoded by the zip-8 gene in Caenorhabditis elegans, belongs to the basic leucine zipper (bZIP) family, which plays critical roles in regulating gene expression through DNA binding and dimerization. The provided fragment (61-176) contains the bZIP domain (residues 65-128), enabling focused research on DNA-protein interactions and transcriptional mechanisms without interference from other regulatory regions.