Recombinant ETS4 protein (His tag)

Catalog Number	534735
Species	Drosophila melanogaster
Expression System	E. coli
Accession	P29775
Gene ID	43334
Molecular Weight	Predictes a molecular mass of 16.81 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 18 kDa band.

Product Information

Sequence Region	211-345
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 211-345 aa (P29775) 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 DNA-binding protein D-ETS-4 fragment (residues 211-345) from Drosophila melanogaster, encompassing the full PNT domain. This high-purity fragment is an essential tool for investigating domain-specific functions in germline development and transcriptional regulation. The full-length DNA-binding protein D-ETS-4, encoded by the Ets98B gene in Drosophila melanogaster, plays a critical role in germline development, as supported by experimental evidence. It functions within the nucleus, where it is involved in transcriptional regulation. The provided fragment spans residues 211-345, which fully contains the PNT domain, enabling focused studies on the structural and functional contributions of this domain to the protein's biological activities.