Recombinant ZN75D protein (His tag)

Catalog Number	548670
Synonyms	Zinc finger protein 75; Zinc finger protein 82
Species	Human
Expression System	E. coli
Accession	P51815
Molecular Weight	Predictes a molecular mass of 19.37 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19 kDa band.

Product Information

Sequence Region	363-510
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 363-510 aa (P51815) 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 Zinc finger protein 75D (ZNF75D) fragment (residues 363-510) is a high-purity, stable protein designed for structural and biochemical studies. This 148-amino acid fragment, derived from human ZNF75D, represents a soluble unit ideal for investigating transcriptional regulation mechanisms. Zinc finger protein 75D is a human protein implicated in transcriptional regulation, suggesting a role in controlling gene expression. It localizes to the nucleus, consistent with its potential function in DNA binding or interaction with transcriptional machinery. The selected fragment (363-510) was computationally optimized for stability and solubility, enabling reliable experimental analysis of this regulatory protein's properties.