Recombinant ZFTA protein (His tag)

Catalog Number	550843
Synonyms	ZFTA
Species	Human
Expression System	E. coli
Accession	C9JLR9
Molecular Weight	Predictes a molecular mass of 11.05 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 11 kDa band.

Product Information

Sequence Region	567-647
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 567-647 aa (C9JLR9) 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 Human Zinc finger translocation-associated protein (ZFTA) fragment (residues 567-647) is a highly pure, stable protein preparation ideal for structural biology studies and functional characterization. This 81-amino acid fragment was computationally selected to ensure optimal solubility and structural integrity, making it an excellent tool for investigating ZFTA's molecular mechanisms. Zinc finger translocation-associated protein (ZFTA) is a human protein encoded by the ZFTA gene. While specific functional details and subcellular localization information are not fully characterized in the provided data, ZFTA is known to be involved in translocation events and contains zinc finger domains that typically function in nucleic acid binding and protein-protein interactions. The protein's significance lies in its association with chromosomal translocations, which are important in various biological contexts including disease mechanisms.