Recombinant ZN655 protein (His tag)

Catalog Number	543148
Synonyms	Vav-interacting Krueppel-like protein
Species	Human
Expression System	E. coli
Accession	Q8N720
Molecular Weight	Predictes a molecular mass of 16.88 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	302-430
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 302-430 aa (Q8N720) 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 655 (Vav-interacting Krueppel-like protein) fragment (residues 302-430) is a stable, soluble protein unit ideal for structural and biochemical studies. This fragment, derived from human ZNF655, represents a key region of this probable transcription factor, optimized for research applications. Zinc finger protein 655 (ZNF655) is a probable transcription factor involved in gene regulation. According to functional annotations, it localizes to the nucleus, where it likely participates in transcriptional processes. The full-length protein's role as a transcription factor suggests importance in cellular signaling and gene expression pathways, though specific mechanisms require further investigation.