Recombinant ZCH13 protein (His tag)

Catalog Number	551237
Species	Human
Expression System	E. coli
Accession	Q8WW36
Molecular Weight	Predictes a molecular mass of 12.92 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	67-166
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 67-166 aa (Q8WW36) 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 CCHC domain-containing protein 13 (ZCCHC13) Fragment (aa 67-166). This 100-amino acid fragment is a high-purity, soluble protein product designed for structural biology and biochemical studies. It represents a computationally optimized, stable region of ZCCHC13, ideal for investigating protein interactions and molecular function. The full-length Zinc finger CCHC domain-containing protein 13 (ZCCHC13), encoded by the ZCCHC13 gene in Homo sapiens, is a protein of significant research interest. Proteins containing CCHC-type zinc finger domains are typically involved in nucleic acid binding and are often associated with transcriptional regulation, RNA metabolism, or viral replication processes. While the specific molecular function and subcellular localization of the full-length ZCCHC13 are areas of active investigation, this recombinant fragment provides a valuable tool for researchers to probe its biochemical properties, interaction partners, and structural features, contributing to a deeper understanding of its biological role.