Recombinant TRI49 protein (His tag)

Catalog Number	549451
Synonyms	RING finger protein 18; Testis-specific RING-finger protein
Species	Human
Expression System	E. coli
Accession	P0CI25
Molecular Weight	Predictes a molecular mass of 36.37 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 37 kDa band.

Product Information

Sequence Region	1-293
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 1-293 aa (P0CI25) 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 TRIM49 Protein Fragment (1-293) is a high-quality, soluble protein preparation designed for structural and biochemical research. This 293-amino acid fragment of Tripartite motif-containing protein 49 (also known as RING finger protein 18) has been computationally optimized for stability and solubility, making it ideal for experimental applications requiring reliable protein performance. TRIM49 (Tripartite motif-containing protein 49) is a testis-specific RING-finger protein belonging to the TRIM family of proteins, which are characterized by their tripartite motif organization. As a testis-specific protein, TRIM49 is of particular interest in reproductive biology and male fertility research. The full-length protein's specific molecular functions and subcellular localization require further experimental characterization to fully understand its role in cellular processes.