Recombinant TR49C protein (His tag)

Catalog Number	551107
Synonyms	Tripartite motif-containing protein 49-like protein 2
Species	Human
Expression System	E. coli
Accession	P0CI26
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	>90%, 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 (P0CI26) 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 Tripartite motif-containing protein 49C (TRIM49C) fragment (residues 1-293), a stable and soluble protein unit optimized for structural and biochemical studies. This high-purity preparation enables reliable investigation of protein characteristics and interactions in controlled experimental settings. Tripartite motif-containing protein 49C (TRIM49C) is a human protein belonging to the TRIM family, which typically function in diverse cellular processes including ubiquitination, transcriptional regulation, and innate immunity. While specific functional data for TRIM49C is limited, TRIM family proteins generally contain RING, B-box, and coiled-coil domains that mediate protein-protein interactions and participate in various signaling pathways. The subcellular localization of TRIM49C has not been fully characterized, though TRIM proteins are often found in nuclear or cytoplasmic compartments. This recombinant fragment (residues 1-293) represents a computationally selected stable region designed to facilitate structural characterization and functional studies of this protein family member.