Recombinant TRI73 protein (His tag)

Catalog Number	550427
Synonyms	Tripartite motif-containing protein 50B
Species	Human
Expression System	E. coli
Accession	Q86UV7
Molecular Weight	Predictes a molecular mass of 30.17 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 32 kDa band.

Product Information

Sequence Region	1-250
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 1-250 aa (Q86UV7) 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 TRIM73 (Tripartite motif-containing protein 73) fragment (amino acids 1-250) is a high-quality protein preparation ideal for structural biology and biochemical studies. This fragment was computationally selected to ensure optimal stability and solubility, providing researchers with a reliable tool for investigating the functional properties of this intriguing protein. Tripartite motif-containing protein 73 (TRIM73), also known as TRIM50B, is a member of the TRIM family of proteins encoded by the TRIM73 gene in humans. TRIM proteins typically contain three zinc-binding domains - a RING finger, one or two B-box motifs, and a coiled-coil region - and are involved in various cellular processes including intracellular signaling, protein quality control, and innate immunity. While specific functional details and subcellular localization for TRIM73 are not fully characterized, TRIM family members generally participate in important regulatory pathways, making them valuable targets for biomedical research.