

TRIM37 recombinant protein

TRIM37, Active

CATALOG # AAA74073	HOST Sf9 insect cells	APPLICATIONS Western Blot
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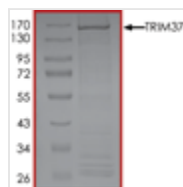
PRODUCT SYNONYMS

TRIM37; Active; MUL; POB1; TEF3; TRIM37 recombinant protein

PRODUCT SPECIFICATIONS

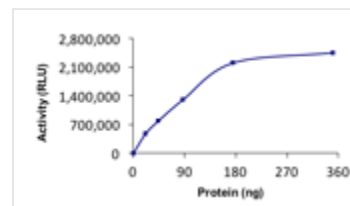
Host	Sf9 insect cells
Form/Format	Recombinant proteins stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for TRIM37 recombinant protein	WB (Western Blot)
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for TRIM37 recombinant protein	Recombinant full-length human TRIM37 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The TRIM37 gene accession number is BC036012. TRIM37 or tripartite motif containing 37 is a member of the tripartite motif (TRIM) family whose members are involved in diverse cellular functions such as developmental patterning and oncogenesis. The TRIM motif includes zinc-binding domains, a RING finger region, a B-box motif and a coiled-coil domain. The RING finger and B-box domains chelate zinc and might be involved in protein-protein and/or protein-nucleic acid interactions. Mutations in TRIM37 are associated with mulibrey (muscle-liver-brain-eye) nanism, an autosomal recessive disorder that involves several tissues of mesodermal origin.
Product Categories/Family for TRIM37 recombinant protein	Ubiquitin Enzymes; Cancer; Metabolic Disorder

References	1. Avela, K. et al: Gene encoding a new RING-B-box-coiled-coil protein is mutated in mulibrey nanism. Nature Genet. 25: 298-301, 2000 2. Kallijarvi, J. et al: The TRIM37 gene encodes a peroxisomal RING-B-box-coiled-coil protein: classification of mulibrey nanism as a new peroxisomal disorder. Am. J. Hum. Genet. 70: 1215-1228, 2002
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23271191
NCBI GeneID	4591
UniProt Accession #	O94972; Q7Z3E6; Q8IYF7; Q8WYF7
Molecular Weight	~140 kDa
NCBI Official Full Name	Homo sapiens tripartite motif-containing 37, mRNA
NCBI Official Synonym Full Names	tripartite motif containing 37
NCBI Official Symbol	TRIM37
NCBI Official Synonym Symbols	MUL; POB1; TEF3
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM37; mulibrey nanism protein; RING-B-box-coiled-coil protein; tripartite motif-containing protein 37
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM37
UniProt Gene Name	TRIM37
UniProt Synonym Gene Names	KIAA0898; MUL; POB1
UniProt Entry Name	TRI37_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.