

## Recombinant Human TRIM37, GST-tagged

**Cat. No.** TRIM37-199H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full-length human TRIM37 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>Description</b>	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.
<b>Form</b>	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
<b>Molecular Mass</b>	~140 kDa
<b>Purity</b>	>80% by densitometry
<b>Applications</b>	Western Blot

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<b>Storage</b>	Store product at –70 centigrade. 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.
<b>Concentration</b>	0.1 µg/µl
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TRIM37 tripartite motif containing 37 [ Homo sapiens ]
<b>Official Symbol</b>	TRIM37
<b>Synonyms</b>	TRIM37; tripartite motif containing 37; MUL, tripartite motif containing 37; E3 ubiquitin-protein ligase TRIM37; KIAA0898; POB1; RING B box coiled coil protein; TEF3; mulibrey nanism protein; RING-B-box-coiled-coil protein; tripartite motif-containing 37; tripartite motif-containing protein 37; MUL;
<b>Gene ID</b>	4591
<b>mRNA Refseq</b>	NM_001005207
<b>Protein Refseq</b>	NP_001005207
<b>MIM</b>	605073
<b>UniProt ID</b>	O94972
<b>Chromosome Location</b>	17q
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Antigen processing:

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Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem;

**Function**

ligase activity; metal ion binding; protein binding; zinc ion binding;

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