

Active Recombinant Human TRIM37 Protein, GST-tagged

Cat. No. TRIM37-640H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human TRIM37 fused with GST tag at N-terminal was expressed in Insect cells. |
| Species | Human |
| Source | Insect Cells |
| Description | 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. |
| Form | 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol |
| Bio-activity | 16 nmol/min/mg |
| Molecular Mass | 140 kDa |
| Purity | >80% |

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| Applications | Ubiquitin Enzyme Assay, Western Blot |
| Stability | 1 year at - 70 centigrade from the date of shipment. |
| Storage | 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. |
| Concentration | 0.1 ug/ml |

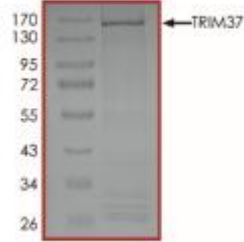
GENE INFORMATION

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|------------------------|---|
| Gene Name | TRIM37 tripartite motif containing 37 [Homo sapiens] |
| Official Symbol | TRIM37 |
| Synonyms | TRIM37; tripartite motif containing 37; MUL, tripartite motif containing 37; E3 ubiquitin-protein ligase TRIM37; KIAA0898; POB1; RING B box coiled coil protein; TEF3; mulibreya nanism protein; RING-B-box-coiled-coil protein; tripartite motif-containing 37; tripartite motif-containing protein 37; MUL; |
| Gene ID | 4591 |
| mRNA Refseq | NM_001005207 |
| Protein Refseq | NP_001005207 |
| MIM | 605073 |
| UniProt ID | O94972 |

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