



# Human TRIM37 blocking peptide (CDBP3061)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---------------------|--|
| Product Overview    | Blocking/Immunizing peptide for anti-TRIM37 antibody   |
| Antigen Description | This gene encodes 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. The gene mutations are associated with mulibrey (muscle-liver-brain-eye) nanism, an autosomal recessive disorder that involves several tissues of mesodermal origin. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008] |
| Species             | Human  |
| Conjugate           | Unconjugated   |
| Applications        | Apuri, BL, ELISA   |
| Format              | Lyophilized powder   |
| Size                | 100 µg   |
| Preservative        | None   |
| Storage             | Shipped at ambient temperature, store at -20°C.  |

## GENE INFORMATION

|                 |  |
|-----------------|--|
| Gene Name       | <a href="#">TRIM37 tripartite motif containing 37 [ Homo sapiens ]</a> |
| Official Symbol | TRIM37   |

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| <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>Entrez Gene ID</b>      | <a href="#">4591</a>   |
| <b>mRNA Refseq</b>         | <a href="#">NM_001005207</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_001005207</a>   |
| <b>UniProt ID</b>          | O94972   |
| <b>Chromosome Location</b> | 17q  |
| <b>Pathway</b>             | Adaptive Immune System, organism-specific biosystem; Antigen processing: 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; |
| <b>Function</b>            | ligase activity; metal ion binding; protein binding; zinc ion binding;   |

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