

Recombinant Human TRIM37

Cat. No. TRIM37-31610TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human TRIM37 with an N-terminal proprietary tag; Predicted MW 36.63 kDa
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	<p>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.</p>
Molecular Weight	36.630kDa inclusive of tags
Tissue specificity	Ubiquitous.
Form	Liquid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	GHLEGLQMTDLENNSETGELQPVLPEGASAAPEEGMSSSDSDIECDTENEEQEEHTS VGGFHDSFMVMTQPPDEDTHSSFPDGEQIGPEDLSFN TDENSGR
Sequence Similarities	Belongs to the TRIM/RBCC family. Contains 1 B box-type zinc finger. Contains 1 MATH domain. Contains 1 RING-type zinc finger.

GENE INFORMATION

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;
Gene ID	4591
mRNA Refseq	NM_001005207
Protein Refseq	NP_001005207
MIM	605073

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Uniprot ID	O94972
Chromosome Location	17q
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;
Function	ligase activity; metal ion binding; protein binding; zinc ion binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA