

## Recombinant Human TRIM63 cell lysate

Cat. No. TRIM63-1833HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	This gene encodes a member of the RING zinc finger protein family found in striated muscle and iris. The product of this gene is localized to the Z-line and M-line lattices of myofibrils, where titins N-terminal and C-terminal regions respectively bind to the sarcomere. In vitro binding studies have shown that this protein also binds directly to titin near the region of titin containing kinase activity. Another member of this protein family binds to microtubules. Since these family members can form heterodimers, this suggests that these proteins may serve as a link between titin kinase and microtubule-dependent signal pathways in muscle.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	TRIM63 tripartite motif containing 63, E3 ubiquitin protein ligase [ Homo sapiens ]
<b>Official Symbol</b>	TRIM63
<b>Synonyms</b>	TRIM63; tripartite motif containing 63, E3 ubiquitin protein ligase; ring finger protein

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28 , RNF28, tripartite motif containing 63 , tripartite motif containing 63; E3 ubiquitin-protein ligase TRIM63; IRF; iris ring finger protein; MURF 1; muscle specific RING finger protein 1; SMRZ; striated muscle RING zinc finger protein; ring finger protein 28; tripartite motif-containing 63; muscle specific ring finger protein 2; muscle-specific RING finger protein 1; tripartite motif-containing protein 63; MURF1; MURF2; RNF28; FLJ32380;

**Gene ID** [84676](#)

**mRNA Refseq** [NM\\_032588](#)

**Protein Refseq** [NP\\_115977](#)

**MIM** [606131](#)

**UniProt ID** [Q969Q1](#)

**Chromosome Location** 1p34-p33

**Pathway** Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;

**Function** ligase activity; metal ion binding; signal transducer activity; titin binding; ubiquitin-protein ligase activity; zinc ion binding;

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