

Recombinant Human TRIM63 cell lysate

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

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	TRIM63 tripartite motif containing 63, E3 ubiquitin protein ligase [Homo sapiens]
Official Symbol	TRIM63

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Synonyms	TRIM63; tripartite motif containing 63, E3 ubiquitin protein ligase; ring finger protein 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;