

Recombinant Human TRIM63

Cat. No. TRIM63-139H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TRIM63 (amino acid residues 1-353) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-353 a.a.
Description	The enzymes of the ubiquitylation pathway play a pivotal role in a number of cellular processes including the regulated and targeted proteasome-dependent degradation of substrate proteins. Three classes of enzymes are involved in the process of ubiquitylation; activating enzymes (E1s), conjugating enzymes (E2s) and protein ligases (E3s). Muscle Ring Finger protein 1 (MuRF1) is a member of the E3 protein ligase family and cloning of the human gene was first described by Dai and Liew et al. (2001).
Form	50mM sodium Bicarbonate pH10, 250mM NaCl, 0.03% Brij35, 0.5mMTCEP
Molecular Mass	~40.2kDa
Purity	>50% by InstantBlue™ SDS-PAGE
Storage	12 months at -70°C. Avoid multiple freeze/thaw cycles.
Concentration	0.25mg/ml

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GENE INFORMATION

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

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Function

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

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