

Recombinant Full Length Human tripartite motif containing 63, E3 ubiquitin protein ligase Protein, SUMO-tagged

Cat. No. TRIM63-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TRIM63 Protein with N-SUMO-tag was expressed E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length
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 an E3 ubiquitin ligase that localizes to the Z-line and M-line lattices of myofibrils. This protein plays an important role in the atrophy of skeletal and cardiac muscle and is required for the degradation of myosin heavy chain proteins, myosin light chain, myosin binding protein, and for muscle-type creatine kinase.
Tag	N-SUMO
Molecular Mass	51 kDa
AA Sequence	MSDSEVNQEAKPEVKPEVKPETHINLKVSDGSSEIFFKIKKTTPLRRLMEAFAKRQG KEMDSLRFlyDGIrIQADQTPEDLDMEDNDIIEAHREIQIGGMDYKSSLIQDGNPMEN LEKQLICPICLEMFTKPVVILPCQHNLCKRCANDIFQAANPYWTSRGSSVSMSSGGRF RCPTCRHEVIMDRHGVYGLQRNLLVENIIDYKQECSSRPLQKGSHPMCKEHEDEKI

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NIYCLTCEVPTCSMCKVFGIHKACEVAPLQSVFQGQKTELNNCISMLVAGNDRVQTII
 TQLEDSRRVTKENSHQVKEELSQKFDTLYAILDEKKSELLQRITQEKEKLSFIEALIQ
 QYQEQLDKSTKLVETAIQSLDEPGGATFLLTAKQLIKSIVEASKGCQLGKTEQGFEN
 MDFFTLBLEHIADALRAIDFGTDEEEEFIEEEDQEEEEESTEGKEEGHQ

Purity > 90 % by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 1.96 mg/mL by BCA

Storage Buffer Sterile 50mM Tris, 300mM NaCl, pH8.0

GENE INFORMATION

Gene Name TRIM63 tripartite motif containing 63, E3 ubiquitin protein ligase [Homo sapiens (human)]

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

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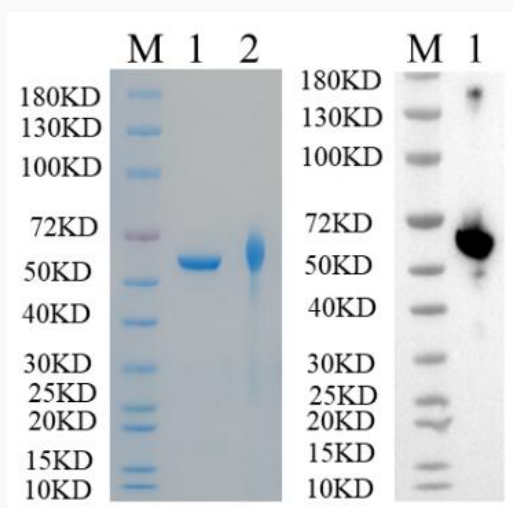
mRNA Refseq [NM_032588](#)

Protein Refseq [NP_115977](#)

MIM [606131](#)

UniProt ID [Q969Q1](#)

Reducing 4 %-20 %
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
TRIM63.



1. TRIM63

2. BSA

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