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 KEMDSLRFLYDGIRIQADQTPEDLDMEDNDIIEAHREQIGGMDYKSSLIQDGNPMEN LEKQLICPICLEMFTKPVVILPCQHNLCRKCANDIFQAANPYWTSRGSSVSMSGGRF RCPTCRHEVIMDRHGVYGLQRNLLVENIIDIYKQECSSRPLQKGSHPMCKEHEDEKI

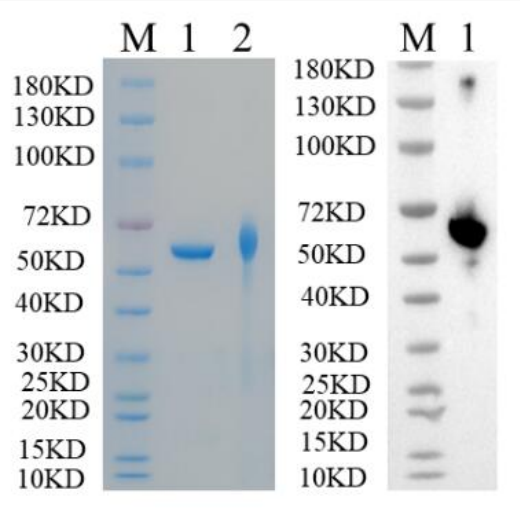
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	NIYCLTCEVPTCSMCKVFGIHKACEVAPLQSVFQGQKTELNNCISMLVAGNDRVQTII TQLEDSRRVTKENSHQVKEELSQKFDTLYAILDEKKSELLQRITQEQEKKLSFIEALIQ QYQEQLDKSTKLVETAIQSLDEPGGATFLLTAKQLIKSIVEASKGCQLGKTEQGFEN MDFFTLDLEHIADALRAIDFGTDEEEEEFIEEEDQEEEESTEGKEEGHQ
Purity	> 90 % by SDS-PAGE
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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