Human TRIM63 peptide (DAG-P0794)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Feb 2012]
Specificity	Muscle specific. Selectively expressed in heart and skeletal muscle. Also expressed in the iris.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 B box-type zinc finger.Contains 1 COS domain.Contains 1 RING-type zinc finger.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

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

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Entrez Gene ID	84676
mRNA Refseq	NM_032588.3
Protein Refseq	NP_115977.2
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 and presentation, organism-specific biosystem; Immune System, organism-specific biosystem; TWEAK Signaling Pathway, organism-specific biosystem;
Function	protein binding; signal transducer activity; titin binding; ubiquitin-protein ligase activity; zinc ion binding;

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