TRIM55 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	TRIM55, Blocking Peptide
Full Product Name	TRIM55 Peptide - middle region
Product Gene Name	TRIM55 blocking peptide
Product Synonym Gene Name	RNF29; muRF2; MURF-2; TRIM55
Sequence	Synthetic peptide located within the following region: EHGYENMNHF TVNLNREEKI IREIDFYRED EDEEEEEGGE GEKEGEGEVG
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	TRIM55 peptide (MBS3231861) is used for blocking the activity of TRIM55 antibody (MBS3206896)
Molecular Weight	49kDa
OMIM	606469
Product Categories/Family for TRIM55 blocking peptide	Peptide
Applications Tested/Suitable for TRIM55 blocking peptide	Western Blot (WB)
Related Product Information for TRIM55 blocking peptide	The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein associates transiently with microtubules, myosin, and titin during muscle sarcomere assembly. It may act as a transient adaptor and plays a regulatory role in the assembly of sarcomeres. Four alternatively spliced transcript variants encoding distinct isoforms have been described.
Other Notes	Small volumes of TRIM55 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRIM55 purchase	MBS3231861 is a blocking peptide targeting TRIM55. Also known as TRIM55 Peptide - middle region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIM55. It may not necessarily be applicable to this product.

NCBI GI #	34878821
NCBI GeneID	84675
NCBI Accession #	NP_149047.2
UniProt Primary Accession #	Q9BYV6
UniProt Related Accession #	Q9BYV6
GenBank Nucleotide #	NM_033058.2
NCBI Official Full Name	tripartite motif-containing protein 55 isoform 2

NCBI Official Synonym Full Names	tripartite motif containing 55
NCBI Official Symbol	TRIM55
NCBI Official Synonym Symbols	RNF29; muRF2; MURF-2
UniProt Protein Name	Tripartite motif-containing protein 55
UniProt Synonym Protein Names	Muscle-specific RING finger protein 2; MuRF-2; MuRF2; RING finger protein 29
Protein Family	Tripartite motif-containing protein
UniProt Gene Name	TRIM55
UniProt Synonym Gene Names	MURF2; RNF29; MuRF-2; MuRF2
UniProt Entry Name	TRI55_HUMAN
NCBI Protein Information	tripartite motif-containing protein 55
Research Articles on TRIM55	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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