TRIM6 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	TRIM6, Blocking Peptide
Full Product Name	TRIM6 Peptide - middle region
Product Gene Name	TRIM6 blocking peptide
Product Synonym Gene Name	RNF89
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	TRIM6 peptide (MBS3227183) is used for blocking the activity of TRIM6 antibody (MBS3202202)
Molecular Weight	56kDa
Product Categories/Family for TRIM6 blocking peptide	Peptide
Applications Tested/Suitable for TRIM6 blocking peptide	Western Blot (WB)
Related Product Information for TRIM6 blocking peptide	This is a synthetic peptide designed for use in combination with anti-TRIM6 antibody made Target Description: TRIM6 is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to the nucleus, but its specific function has not been identified. The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to the nucleus, but its specific function has not been identified. This gene is mapped to chromosome 11p15, where it resides within a TRIM gene cluster. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. A read-through transcript transcribed from this gene and TRIM34 has been observed.
Other Notes	Small volumes of TRIM6 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 TRIM6 purchase	MBS3227183 is a blocking peptide targeting TRIM6. Also known as TRIM6 Peptide - middle region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIM6. It may not necessarily be applicable to this product.

NCBI GI #	51477692
NCBI GeneID	117854
NCBI Accession #	NP_001003818
UniProt Primary Accession #	A8K2A7
UniProt Related Accession #	Q9C030
GenBank Nucleotide #	NM_001003818
NCBI Official Full Name	tripartite motif-containing protein 6 isoform 1
NCBI Official Synonym Full Names	tripartite motif containing 6

NCBI Official Symbol	TRIM6
NCBI Official Synonym Symbols	RNF89
Protein Family	Tripartite motif-containing protein
NCBI Protein Information	tripartite motif-containing protein 6
NCBI Summary for TRIM6	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, B-box type 1 and B-box type 2 domain, and a coiled-coil region. The protein localizes to the nucleus, but its specific function has not been identified. This gene is mapped to chromosome 11p15, where it resides within a TRIM gene cluster. Alternative splicing results in multiple transcript variants. A read-through transcript from this gene into the downstream TRIM34 gene has also been observed, which results in a fusion product from these neighboring family members. [provided by RefSeq, Oct 2010]
Research Articles on TRIM6	**1.** Intriguingly, the authors also found that TRIM6 enhances ebola virus polymerase activity in a minigenome assay and TRIM6 knockout cells have reduced replication of infectious ebola virus, suggesting that VP35 hijacks TRIM6 to promote ebola virus replication through ubiquitination.
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