# TRIM27 Blocking Peptide

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | TRIM27, Blocking Peptide |
| **Full Product Name** | TRIM27 Peptide |
| **Product Gene Name** | TRIM27 blocking peptide |
| **Product Synonym Gene Name** | RFP; RNF76 |
| **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** | TRIM27 peptide (MBS3227210) is used for blocking the activity of TRIM27 antibody (MBS3202229) |
| **Molecular Weight** | 41kDa |
| **OMIM** | 188550 |
| **Product Categories/Family for TRIM27 blocking peptide** | Peptide |
| **Applications Tested/Suitable for TRIM27 blocking peptide** | Western Blot (WB) |
| **Related Product Information for TRIM27 blocking peptide** | This is a synthetic peptide designed for use in combination with anti-TRIM27 antibody made<br><br>Target Description: TRIM27 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. This protein localizes to the nuclear matrix. It interacts with the enhancer of polycomb protein and represses gene transcription. It is also thought to be involved in the differentiation of male germ cells. Fusion of the N-terminus of this protein with the truncated C-terminus of the RET gene product has been shown to result in production of the ret transforming protein. |
| **Other Notes** | Small volumes of TRIM27 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 TRIM27 purchase** | MBS3227210 is a blocking peptide targeting TRIM27. Also known as TRIM27 Peptide. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIM27. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 15011933 |
| **NCBI GeneID** | 5987 |
| **NCBI Accession #** | NP_112212 |
| **UniProt Primary Accession #** | P14373 |
| **UniProt Related Accession #** | P14373 |
| **GenBank Nucleotide #** | NM_030950 |
| **NCBI Official Synonym Full Names** | tripartite motif containing 27 |
| **NCBI Official Symbol** | TRIM27 |
| **NCBI Official Synonym Symbols** | RFP; RNF76 |

| | |
|---|---|
| **UniProt Protein Name** | Zinc finger protein RFP |
| **UniProt Synonym Protein Names** | RING finger protein 76; Ret finger protein; Tripartite motif-containing protein 27 |
| **Protein Family** | Zinc finger protein |
| **UniProt Gene Name** | TRIM27 |
| **UniProt Synonym Gene Names** | RFP; RNF76 |
| **UniProt Entry Name** | TRI27_HUMAN |
| **NCBI Protein Information** | zinc finger protein RFP |
| **NCBI Summary for TRIM27** | This gene encodes 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. This protein localizes to the nuclear matrix. It interacts with the enhancer of polycomb protein and represses gene transcription. It is also thought to be involved in the differentiation of male germ cells. Fusion of the N-terminus of this protein with the truncated C-terminus of the RET gene product has been shown to result in production of the ret transforming protein. [provided by RefSeq, Jul 2008] |
| **Research Articles on TRIM27** | **1.** Results showed that TRIM27 was upregulated in colorectal cancer (CRC) tissues, and significantly associated with tumor invasion, metastasis and prognosis. Following TRIM27 inhibition and overexpression in CRC cells, it was found that TRIM27 promoted cell proliferation, possibly via the inhibition of apoptosis and cell cycle regulation. These results suggested that TRIM27 is an oncogenic protein in the progression of CRC. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/blocking-peptide/trim27/3227210