# E3 Ubiquitin-Protein Ligase TRIM68 (TRIM68) Mouse Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | E3 ubiquitin-protein ligase TRIM68 (Trim68), Recombinant Protein |
| **Full Product Name** | Recombinant Mouse E3 ubiquitin-protein ligase TRIM68 (Trim68) |
| **Product Gene Name** | Trim68 recombinant protein |
| **Product Synonym Gene Name** | Trim68 |
| **Sequence** | MDPAVLMEAI VEEVNCPICM TFLREPVSIS CGHTFCHSCL SGLWKLPGES QNLSYTCPLC RAPVKPRKLR PNWQLASVVD KVRLLGFCME MGLKTDVCDL HKEQLTMFCK EDDMVTCEAC KQSPEHEAHS VVPIKDVAWE YKWKLQQALE HLRKEQEEAW KLEVSEKEQA AIWKTQMERR KQSIRWEFEK YRQLLKEKEL PCQQAEEEAA AAQASLEQEK GETASKLELR REAIIRQSQV LWSMIVELEE RSQRPVRWML QGIQEALNRS ESWTLQQLEP ISLELKTDCR VLGLRETLKT FAVDVRLDPD TAYSRLVVSK DRKSVHYGVT QQNLPDNPER FYRYNIVLGS QCISSGRHYW EVEVGDRSEW GLGVCVENVD RKEVVYLSPR YGFWVIRLRK GTEYRAGTDE YPLLPLTVPP HRVGIFLDYE AHDISFYNVT DGASHIFTFP CYPFPGRLLP YFSPCYSIDT NNTTPLTICT LGGEG |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 56,098 Da |
| **Sequence Positions** | 1-485, full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q8K243 |
| **Species** | Mouse |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for Trim68 recombinant protein** | This protein contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. This gene is expressed in many cancer cell lines. Its expression in normal tissues, however, was found to be restricted to prostate. This gene was also found to be differentially expressed in androgen-dependent versus androgen-independent prostate cancer cells. |
| **Other Notes** | Small volumes of Trim68 recombinant protein 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 Trim68 purchase** | MBS1484917 is a recombinant protein targeting Trim68. Also known as Recombinant Mouse E3 ubiquitin-protein ligase TRIM68 (Trim68). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Trim68. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 81900965 |

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| **NCBI Accession #** | Q8K243.1 |
| **UniProt Primary Accession #** | Q8K243 |
| **NCBI Official Full Name** | E3 ubiquitin-protein ligase TRIM68 |
| **UniProt Protein Name** | E3 ubiquitin-protein ligase TRIM68 |
| **UniProt Synonym Protein Names** | RING finger protein 137; RING-type E3 ubiquitin transferase TRIM68Curated; Tripartite motif-containing protein 68 |
| **Protein Family** | E3 ubiquitin-protein ligase |
| **UniProt Gene Name** | Trim68 |
| **UniProt Synonym Gene Names** | Rnf137 |
| **UniProt Comments for Trim68** | Functions as a ubiquitin E3 ligase. Acts as a coactivator of androgen receptor (AR) depending on its ubiquitin ligase activity. |
| **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. |
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