# MSL3L1 Peptide - Middle Region Blocking Peptide

## PRODUCT OVERVIEW

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| **Product Name** | MSL3L1, Blocking Peptide |
| **Full Product Name** | MSL3L1 Peptide - middle region |
| **Product Gene Name** | MSL3L1 blocking peptide |
| **Product Synonym Gene Name** | DKFZP586J1822; MSL3L1 |
| **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** | MSL3L1 peptide (MBS3226216) is used for blocking the activity of MSL3L1 antibody (MBS3201191) |
| **Molecular Weight** | 40kDa |
| **Product Categories/Family for MSL3L1 blocking peptide** | Peptide |
| **Applications Tested/Suitable for MSL3L1 blocking peptide** | Western Blot (WB) |
| **Related Product Information for MSL3L1 blocking peptide** | MSL3L1 is a nuclear protein, which is thought to play a similar function in chromatin remodeling and transcriptional regulation. This gene has been found to undergo X inactivation. This gene encodes a nuclear protein and has similarity to drosophila male-specific lethal-3 gene. The drosophila protein plays a critical role in a dosage-compensation pathway, which equalizes X-linked gene expression in males and females. Thus this encoded protein is thought to play a similar function in chromatin remodeling and transcriptional regulation. This gene has been found to undergo X inactivation. There are four alternatively spliced transcript variants of this gene encoding different isoforms. |
| **Other Notes** | Small volumes of MSL3L1 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 MSL3L1 purchase** | MBS3226216 is a blocking peptide targeting MSL3L1. Also known as MSL3L1 Peptide - middle region. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MSL3L1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 212275945 |
| **NCBI GeneID** | 10943 |
| **NCBI Accession #** | NP_523353 |
| **UniProt Primary Accession #** | A6NCU2 |
| **UniProt Related Accession #** | Q8N5Y2 |
| **GenBank Nucleotide #** | NM_078629 |
| **NCBI Official Full Name** | male-specific lethal 3 homolog isoform a |
| **NCBI Official Synonym Full Names** | MSL complex subunit 3 |
| **NCBI Official Symbol** | MSL3 |

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| **NCBI Official Synonym Symbols** | MSL3L1 |
| **NCBI Protein Information** | male-specific lethal 3 homolog |
| **NCBI Summary for MSL3L1** | This gene encodes a nuclear protein that is similar to the product of the Drosophila male-specific lethal-3 gene. The Drosophila protein plays a critical role in a dosage-compensation pathway, which equalizes X-linked gene expression in males and females. Thus, the human protein is thought to play a similar function in chromatin remodeling and transcriptional regulation, and it has been found as part of a complex that is responsible for histone H4 lysine-16 acetylation. This gene can undergo X inactivation. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 2, 7 and 8. [provided by RefSeq, Jul 2010] |
| **Research Articles on MSL3L1** | **1.** MSL3 plays an important role in targeting the male specific lethal complex to chromatin in both humans and flies by binding to H4K20Me(1). |
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