# Fads3 Peptide - N-Terminal Region Blocking Peptide

## PRODUCT OVERVIEW

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| **Product Name** | Fads3, Blocking Peptide |
| **Full Product Name** | Fads3 Peptide - N-terminal region |
| **Product Gene Name** | Fads3 blocking peptide |
| **Sequence** | DISRWAQRHP GGSRLIGHHS AEDATDAFHA FHQDLHFVRK FLKPLLIGEL |
| **Species Reactivity** | Rat, 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** | Fads3 peptide (MBS3234516) is used for blocking the activity of Fads3 antibody (MBS3209560) |
| **Molecular Weight** | 49kDa |
| **Product Categories/Family for Fads3 blocking peptide** | Peptide |
| **Applications Tested/Suitable for Fads3 blocking peptide** | Western Blot (WB) |
| **Related Product Information for Fads3 blocking peptide** | This is a synthetic peptide designed for use in combination with anti-Fads3 Antibody, made<br><br>Target Description: The function of this protein remains unknown. |
| **Other Notes** | Small volumes of Fads3 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 Fads3 purchase** | MBS3234516 is a blocking peptide targeting Fads3. Also known as Fads3 Peptide - N-terminal region. Reactive in Rat, Human. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Fads3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 27465605 |
| **NCBI GeneID** | 286922 |
| **NCBI Accession #** | NP_775160 |
| **UniProt Primary Accession #** | Q8K1P9 |
| **UniProt Related Accession #** | Q8K1P9 |
| **GenBank Nucleotide #** | NM_173137 |
| **NCBI Official Full Name** | fatty acid desaturase 3 |
| **NCBI Official Synonym Full Names** | fatty acid desaturase 3 |
| **NCBI Official Symbol** | Fads3 |
| **UniProt Protein Name** | Fatty acid desaturase 3 |

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| **Protein Family** | Fatty acid desaturase |
| **UniProt Gene Name** | Fads3 |
| **UniProt Entry Name** | FADS3_RAT |
| **NCBI Protein Information** | fatty acid desaturase 3 |
| **Research Articles on Fads3** | **1.** FADS3 was secreted specifically by hepatocytes in the extracellular matrix where it was located on fibronectin-containing fibers.The 51 kDa FADS3 is secreted in the extracellular matrix of hepatocytes and blood. |
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