# Foxd4 Peptide - N-Terminal Region Blocking Peptide

## PRODUCT OVERVIEW

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| **Product Name** | Foxd4, Blocking Peptide |
| **Full Product Name** | Foxd4 Peptide - N-terminal region |
| **Product Gene Name** | Foxd4 blocking peptide |
| **Product Synonym Gene Name** | FREAC5; Fkh2 |
| **Sequence** | MNSARAGHLR STPPPSPLSS DQDEVEIDVL AEEEDGDQTE EEDDEEESHK |
| **Species Reactivity** | Mouse |
| **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** | Foxd4 peptide (MBS3228307) is used for blocking the activity of Foxd4 antibody (MBS3203337) |
| **Molecular Weight** | 48kDa |
| **Product Categories/Family for Foxd4 blocking peptide** | Peptide |
| **Applications Tested/Suitable for Foxd4 blocking peptide** | Western Blot (WB) |
| **Related Product Information for Foxd4 blocking peptide** | This is a synthetic peptide designed for use in combination with anti-Foxd4 Antibody, made<br><br>Target Description: The function of this protein remains unknown. |
| **Other Notes** | Small volumes of Foxd4 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 Foxd4 purchase** | MBS3228307 is a blocking peptide targeting Foxd4. Also known as Foxd4 Peptide - N-terminal region. Reactive in Mouse. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Foxd4. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 6679841 |
| **NCBI GeneID** | 14237 |
| **NCBI Accession #** | NP_032048 |
| **UniProt Primary Accession #** | Q60688 |
| **UniProt Related Accession #** | Q60688 |
| **GenBank Nucleotide #** | NM_008022 |
| **NCBI Official Full Name** | forkhead box protein D4 |
| **NCBI Official Synonym Full Names** | forkhead box D4 |
| **NCBI Official Symbol** | Foxd4 |

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| **NCBI Official Synonym Symbols** | Fkh2; FREAC5 |
| **UniProt Protein Name** | Forkhead box protein D4 |
| **UniProt Synonym Protein Names** | Forkhead-related protein FKHL9; Forkhead-related transcription factor 5; FREAC-5; Transcription factor FKH-2 |
| **Protein Family** | Forkhead box protein |
| **UniProt Gene Name** | Foxd4 |
| **UniProt Synonym Gene Names** | Fkh2; Fkhl9; Freac5; FREAC-5 |
| **UniProt Entry Name** | FOXD4_MOUSE |
| **NCBI Protein Information** | forkhead box protein D4 |
| **Research Articles on Foxd4** | **1.** We demonstrate that mouse and human homologs of Foxd4l1 have similar functional domains compared to the frog protein, as well as conserved transcriptional activities when expressed in Xenopus embryos and blastomere explants. |
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