# Arhgef10l Peptide - C-Terminal Region Blocking Peptide

## PRODUCT OVERVIEW

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| **Product Name** | ARHGEF10L, Blocking Peptide |
| **Full Product Name** | ARHGEF10L Peptide - C-terminal region |
| **Product Gene Name** | ARHGEF10L blocking peptide |
| **Product Synonym Gene Name** | GrinchGEF |
| **Sequence** | Synthetic peptide located within the following region: SILAPDILRS DQEEAEGPRA EEDKPDGQAH EPMPDSHVGR ELTRKKGILL |
| **Species Reactivity** | 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** | ARHGEF10L peptide (MBS3245808) is used for blocking the activity of ARHGEF10L antibody (MBS3221014) |
| **Molecular Weight** | 141 kDa |
| **OMIM** | 612494 |
| **Product Categories/Family for ARHGEF10L blocking peptide** | Peptide |
| **Applications Tested/Suitable for ARHGEF10L blocking peptide** | Western Blot (WB) |
| **Related Product Information for ARHGEF10L blocking peptide** | This is a synthetic peptide designed for use in combination with anti-ARHGEF10L Antibody, made<br><br>Target Description: ARHGEF10L is a member of the RhoGEF family of guanine nucleotide exchange factors (GEFs) that activate Rho GTPases (Winkler et al., 2005 [PubMed 16112081]).[supplied by OMIM, Dec 2008] |
| **Other Notes** | Small volumes of ARHGEF10L 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 ARHGEF10L purchase** | MBS3245808 is a blocking peptide targeting ARHGEF10L. Also known as ARHGEF10L Peptide - C-terminal region. Reactive in Human. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARHGEF10L. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 74136547 |
| **NCBI GeneID** | 55160 |
| **NCBI Accession #** | NP_001011722.2 |
| **UniProt Primary Accession #** | Q9HCE6 |
| **UniProt Related Accession #** | Q9HCE6 |
| **GenBank Nucleotide #** | NM_001011722.2 |
| **NCBI Official Full Name** | rho guanine nucleotide exchange factor 10-like protein isoform 2 |

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| **NCBI Official Synonym Full Names** | Rho guanine nucleotide exchange factor 10 like |
| **NCBI Official Symbol** | ARHGEF10L |
| **NCBI Official Synonym Symbols** | GrinchGEF |
| **UniProt Protein Name** | Rho guanine nucleotide exchange factor 10-like protein |
| **UniProt Synonym Protein Names** | GrinchGEF |
| **Protein Family** | Rho guanine nucleotide exchange factor 10-like protein |
| **UniProt Gene Name** | ARHGEF10L |
| **UniProt Synonym Gene Names** | GRINCHGEF; KIAA1626 |
| **UniProt Entry Name** | ARGAL_HUMAN |
| **NCBI Protein Information** | rho guanine nucleotide exchange factor 10-like protein |
| **NCBI Summary for ARHGEF10L** | This gene belongs to the RhoGEF subfamily of RhoGTPases. Members of this subfamily are activated by specific guanine nucleotide exchange factors (GEFs) and are involved in signal transduction. The encoded protein shows cytosolic distribution. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2016] |
| **Research Articles on ARHGEF10L** | **1.** Inherited variants in ARHGEF10L and AKAP6, with potential transcriptional regulatory function and association with Epithelial ovarian cancer risk, warrant investigation in independent Epithelial ovarian cancer study populations. |
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