ARMT1 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	ARMT1, Blocking Peptide
Full Product Name	ARMT1 Peptide - N-terminal region
Product Gene Name	ARMT1 blocking peptide
Product Synonym Gene Name	C6orf211; ARMT1
Sequence	SDGKSRWFYS PWLLVECYMY RRIHEAIIQS PPIDYFDVFK ESKEQNFYGS
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	ARMT1 peptide (MBS3242878) is used for blocking the activity of ARMT1 antibody (MBS3217984)
Molecular Weight	51kDa
Product Categories/Family for ARMT1 blocking peptide	Peptide
Applications Tested/Suitable for ARMT1 blocking peptide	Western Blot (WB)
Related Product Information for ARMT1 blocking peptide	MBS3242878 is a blocking peptide targeting ARMT1. Also known as ARMT1 Peptide - N-terminal region. Reactive in Human.
Other Notes	Small volumes of ARMT1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARMT1. It may not necessarily be applicable to this product.

NCBI GI #	13375746
NCBI GeneID	79624
NCBI Accession #	NP_078849
UniProt Primary Accession #	Q9H993
UniProt Related Accession #	Q9H993
GenBank Nucleotide #	NM_024573
NCBI Official Full Name	protein-glutamate O-methyltransferase isoform a
NCBI Official Synonym Full Names	acidic residue methyltransferase 1
NCBI Official Symbol	ARMT1
NCBI Official Synonym Symbols	C6orf211
UniProt Protein Name	UPF0364 protein C6orf211

UniProt Gene Name	C6orf211
UniProt Entry Name	CF211_HUMAN
NCBI Protein Information	protein-glutamate O-methyltransferase
Research Articles on ARMT1	**1.** Studies show that acidic residue methyltransferase 1 (Armt1) has a vital role in regulation of the DNA damage response likely through its ability to O-methylate glutamyl residues of the DNA repair factor proliferating cell nuclear antigen (PCNA).
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