NSUN3 Antibody (N-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	NSUN3, Blocking Peptide
Full Product Name	NSUN3 Antibody (N-term) Blocking peptide
Product Gene Name	NSUN3 blocking peptide
Product Synonym Names	Putative methyltransferase NSUN3; 211-; NOL1/NOP2/Sun domain family member 3; NSUN3
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	NSUN3 peptide (MBS9218287) is used for blocking the activity of NSUN3 antibody (MBS9209680)
Molecular Weight	38,244 Da
Related Product Information for NSUN3 blocking peptide	MBS9218287 is a blocking peptide targeting NSUN3. Also known as NSUN3 Antibody (N-term) Blocking peptide. May have S-adenosyl-L-methionine-dependent methyl- transferase activity.
Other Notes	Small volumes of NSUN3 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 NSUN3. It may not necessarily be applicable to this product.

NCBI GI #	74733593
NCBI GeneID	63899
NCBI Accession #	Q9H649.1
UniProt Primary Accession #	Q9H649
UniProt Secondary Accession #	Q6PG41; Q8IXG9; Q9H6M2
UniProt Related Accession #	Q9H649
NCBI Official Full Name	Putative methyltransferase NSUN3
NCBI Official Synonym Full Names	NOP2/Sun RNA methyltransferase family member 3
NCBI Official Symbol	NSUN3
NCBI Official Synonym Symbols	MST077; MSTP077
UniProt Protein Name	Putative methyltransferase NSUN3
UniProt Synonym Protein Names	NOL1/NOP2/Sun domain family member 3
Protein Family	Putative methyltransferase
UniProt Gene Name	NSUN3
UniProt Entry Name	NSUN3_HUMAN
NCBI Protein Information	putative methyltransferase NSUN3

UniProt Comments for NSUN3	NSUN3: May have S-adenosyl-L-methionine-dependent methyl- transferase activity. Belongs to the methyltransferase superfamily. RsmB/NOP family. Protein type: EC 2.1.1.-; Methyltransferase Chromosomal Location of Human Ortholog: 3q11.1 Cellular Component: mitochondrial large ribosomal subunit Molecular Function: methyltransferase activity Biological Process: rRNA methylation
Research Articles on NSUN3	**1.** Observational study of gene-disease association. (HuGE Navigator)
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