NADSYN1 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	NADSYN1, Blocking Peptide
Full Product Name	NADSYN1 Peptide - C-terminal region
Product Gene Name	NADSYN1 blocking peptide
Product Synonym Gene Name	FLJ10631; FLJ36703; FLJ40627
Sequence	PAYHAENYSP EDNRFDLRPF LYNTSWPWQF RCIENQVLQL ERAEPQSLDG
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	NADSYN1 peptide (MBS3242282) is used for blocking the activity of NADSYN1 antibody (MBS3217386)
Molecular Weight	78kDa
OMIM	608285
Product Categories/Family for NADSYN1 blocking peptide	Peptide
Applications Tested/Suitable for NADSYN1 blocking peptide	Western Blot (WB)
Related Product Information for NADSYN1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-NADSYN1 Antibody, made Target Description: Nicotinamide adenine dinucleotide (NAD) is a coenzyme in metabolic redox reactions, a precursor for several cell signaling molecules, and a substrate for protein posttranslational modifications. NAD synthetase (EC 6.3.5.1) catalyzes the final step in the biosynthesis of NAD from nicotinic acid adenine dinucleotide (NaAD).
Other Notes	Small volumes of NADSYN1 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 NADSYN1 purchase	MBS3242282 is a blocking peptide targeting NADSYN1. Also known as NADSYN1 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NADSYN1. It may not necessarily be applicable to this product.

NCBI GI #	41393551
NCBI GeneID	55191
NCBI Accession #	NP_060631
UniProt Primary Accession #	Q6IA69
UniProt Related Accession #	Q6IA69
GenBank Nucleotide #	NM_018161
NCBI Official Full Name	glutamine-dependent NAD(+) synthetase

NCBI Official Synonym Full Names	NAD synthetase 1
NCBI Official Symbol	NADSYN1
UniProt Protein Name	Glutamine-dependent NAD(+) synthetase
UniProt Synonym Protein Names	NAD(+) synthase [glutamine-hydrolyzing]; NAD(+) synthetase
Protein Family	Glutamine-dependent NAD(+) synthetase
UniProt Gene Name	NADSYN1
UniProt Entry Name	NADE_HUMAN
NCBI Protein Information	glutamine-dependent NAD(+) synthetase
NCBI Summary for NADSYN1	Nicotinamide adenine dinucleotide (NAD) is a coenzyme in metabolic redox reactions, a precursor for several cell signaling molecules, and a substrate for protein posttranslational modifications. NAD synthetase (EC 6.3.5.1) catalyzes the final step in the biosynthesis of NAD from nicotinic acid adenine dinucleotide (NaAD).[supplied by OMIM, Apr 2004]
Research Articles on NADSYN1	**1.** Polymorphisms in CYP2R1-rs10766197 and DHCR7/NADSYN1-rs12785878 are associated with vitamin D deficiency in Uygur and Kazak ethnic populations
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