



Human NMNAT3 blocking peptide (CDBP2058)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-NMNAT3 antibody
Antigen Description	This gene encodes a member of the nicotinamide/nicotinic acid mononucleotide adenylyltransferase family. These enzymes use ATP to catalyze the synthesis of nicotinamide adenine dinucleotide or nicotinic acid adenine dinucleotide from nicotinamide mononucleotide or nicotinic acid mononucleotide, respectively. The encoded protein is localized to mitochondria and may also play a neuroprotective role as a molecular chaperone. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	NMNAT3 nicotinamide nucleotide adenylyltransferase 3 [Homo sapiens]
Official Symbol	NMNAT3
Synonyms	NMNAT3; nicotinamide nucleotide adenylyltransferase 3; nicotinamide mononucleotide

adenylyltransferase 3; PNAT3; NMN adenylyltransferase 3; NaMN adenylyltransferase 3; pyridine nucleotide adenylyltransferase 3; nicotinate-nucleotide adenylyltransferase 3; FKSG76; PNAT-3;

Entrez Gene ID	349565
mRNA Refseq	NM_001200047
Protein Refseq	NP_001186976
UniProt ID	Q96T66
Chromosome Location	3q23
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of vitamins and cofactors, organism-specific biosystem; Metabolism of water-soluble vitamins and cofactors, organism-specific biosystem; NAD biosynthesis II (from tryptophan), organism-specific biosystem; NAD biosynthesis III, organism-specific biosystem; NAD biosynthesis from 2-amino-3-carboxymuconate semialdehyde, organism-specific biosystem;
Function	ATP binding; nicotinamide-nucleotide adenylyltransferase activity; nicotinamide-nucleotide adenylyltransferase activity; nicotinate-nucleotide adenylyltransferase activity; nucleotide binding; nucleotidyltransferase activity; transferase activity;