

Recombinant Full Length Human NMNAT2 Protein, GST-tagged

Cat. No. NMNAT2-6595HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NMNAT2 full-length ORF (AAH20998, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	302 amino acids
Description	This gene product belongs to the nicotinamide mononucleotide adenylyltransferase (NMNAT) enzyme family, members of which catalyze an essential step in NAD (NADP) biosynthetic pathway. Unlike the other human family member, which is localized to the nucleus, and is ubiquitously expressed; this enzyme is cytoplasmic, and is predominantly expressed in the brain. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	58.74 kDa
AA Sequence	MEIQELEEEIQACQGLWEVFTLSEARADYLHKTGRFVIGGIVSPVHDSYGKQGLVSS RHRLIMCQLAVQNSDWIRVDPWECYQDTWQTTCSVLEHHRDLMKRVTCILSNVN TPSMTPVIGQPQNETPQPIYQNSNVATKPTAAKILGKVGESLSRICCVRPPVERFTFV DENANLGTVMRYEEIELRILLLCGSDLLESFCIPGLWNEADMEVIVGDFGIVVVRDA ADTDRIMNHSSILRKYKNNIMVVKDDINHPMSVVSSTKSRLALQHGDGHVVDYLSQP VIDYILKSQLYINASG

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	NMNAT2 nicotinamide nucleotide adenylyltransferase 2 [Homo sapiens]
Official Symbol	NMNAT2
Synonyms	NMNAT2; nicotinamide nucleotide adenylyltransferase 2; C1orf15, chromosome 1 open reading frame 15; nicotinamide mononucleotide adenylyltransferase 2; KIAA0479; PNAT2; NMN adenylyltransferase 2; NaMN adenylyltransferase 2; pyridine nucleotide adenylyltransferase 2; nicotinate-nucleotide adenylyltransferase 2; C1orf15; MGC2756;
Gene ID	23057
mRNA Refseq	NM_015039
Protein Refseq	NP_055854
MIM	608701

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UniProt ID

Q9BZQ4

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