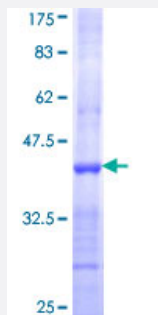


NMNAT2 (Human) Recombinant Protein (Q01)

Catalog # H00023057-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NMNAT2 partial ORF (NP_055854, 208 a.a. - 307 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CIPGLWNEADMEVIVGDFGMVVPRDAADTDRIMNHSSILRKYKNNIMVVKDDINHPMSVVSSTKS RLALQHGDGHVVDYLSQPVIDYILKSQLYINASG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NMNAT2

Entrez GeneID [23057](#)

GeneBank Accession# [NM_015039](#)

Protein Accession# [NP_055854](#)

Gene Name NMNAT2

Gene Alias C1orf15, KIAA0479, MGC2756, PNAT-2, PNAT2

Gene Description nicotinamide nucleotide adenylyltransferase 2

Omim ID [608701](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000033548|OTTHUMP00000033549|nicotinamide mononucleotide adenylyltransferase 2|pyridine nucleotide adenylyltransferase 2

Pathway

- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Tobacco Use Disorder](#)