



Recombinant Human Nicotinamide mononucleotide adenylyltransferase 2 (NMNAT2)

Product Code	CSB-EP866332HU-B
Abbreviation	NMNAT2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9BZQ4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTETTKTHVI LLACGSFNPI TKGHIQMFER ARDYLHKTGR FIVIGGIVSP VHDSYGKQGL VSSRHRLIMC QLAVQNSDWI RVDPWECYQD TWQTTCSVLE HHRDLMKRVT GCILSNVNTS SMTPVIGQPQ NETPQPIYQN SNVATKPTAA KILGKVGESL SRICCVRPPV ERFTFVDENA NLGTVMRYYE IELRILLGCG SDLLESFCIP GLWNEADMEV IVGDFGIVVV PRDAADTDRI MNHSSILRKY KNNIMVVKDD INHPMSVVSS TKSRLALQHG DGHVVDYLSQ PVIDYILKSQ LYINASG
Source	E.coli
Target Names	NMNAT2
Protein Names	Recommended name: Nicotinamide mononucleotide adenylyltransferase 2 Short name= NMN adenylyltransferase 2 EC= 2.7.7.1 Alternative name(s): Nicotinate-nucleotide adenylyltransferase 2 Short name= NaMN adenylyltransferase 2
Expression Region	1-307
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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