

Recombinant Mouse Nadsyn1 Protein, Myc/DDK-tagged

Cat. No. Nadsyn1-4280M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NAD synthetase 1 (Nadsyn1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the ATP-dependent amidation of deamido-NAD to form NAD. Uses L-glutamine as a nitrogen source.
Molecular Mass	81.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Nadsyn1 NAD synthetase 1 [Mus musculus (house mouse)]
Official Symbol	Nadsyn1
Synonyms	NADSYN1; NAD synthetase 1; glutamine-dependent NAD(+) synthetase; NAD(+) synthase; NAD(+) synthetase; NH3-dependent NAD+ synthetase-like protein; NH3-dependent NAD(+) synthetase-like protein; 9130012B15Rik
Gene ID	78914
mRNA Refseq	NM_030221
Protein Refseq	NP_084497
UniProt ID	Q711T7

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