

Recombinant Full Length Mouse Nampt Protein, N-Flag-tagged

Cat. No. Nampt-20MFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Nampt Protein, fused to Flag-tag at N-terminus, was expressed in CHO cells.
Species	Mouse
Source	CHO
ProteinLength	1-491 aa
Description	Enables identical protein binding activity and nicotinamide phosphoribosyltransferase activity. Involved in circadian regulation of gene expression. Acts upstream of or within NAD biosynthetic process and circadian rhythm. Located in cytoplasm. Is expressed in several structures, including alimentary system; genitourinary system; integumental system; nervous system; and sensory organ. Human ortholog(s) of this gene implicated in transient cerebral ischemia. Orthologous to human NAMPT (nicotinamide phosphoribosyltransferase).
Form	Lyophilized. Contains PBS.
Molecular Mass	~55kDa
Endotoxin	<0.01EU/μg purified protein (LAL test; Lonza).
Purity	≥90% (SDS-PAGE)

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Storage	Short Term Storage: 4 centigrade. Long Term Storage: -20 centigrade.
Concentration	0.1mg/ml after reconstitution.
Shipping	BLUE ICE
Handling Advice	After reconstitution, prepare aliquots and store at -20 centigrade. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. PBS containing at least 0.1% BSA should be used for further dilutions.
Use/Stability	Stable for at least 6 months after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.
Reconstitution	Reconstitute with 100µl sterile water.

GENE INFORMATION

Gene Name	Nampt nicotinamide phosphoribosyltransferase [<i>Mus musculus</i> (house mouse)]
Official Symbol	Nampt
Synonyms	Pbef; Pbef1; Visfatin; NAmPRTase; 1110035O14Rik; Pre-B Cell Colony Enhancing Factor 1; PBEF1; Nicotinamide Phosphoribosyltransferase; Nampt
Gene ID	59027
mRNA Refseq	NM_021524.2
Protein Refseq	NP_067499.2

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UniProt ID

Q99KQ4

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