

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Mouse Nampt Protein, fused to Flag-tag at N-terminus, was expressed in CHO cells.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	1-491 aa
<b>Description</b>	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).
<b>Form</b>	Lyophilized. Contains PBS.
<b>Molecular Mass</b>	~55kDa
<b>Endotoxin</b>	<0.01EU/μg purified protein (LAL test; Lonza).
<b>Purity</b>	≥90% (SDS-PAGE)

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Storage</b>	Short Term Storage: 4 centigrade. Long Term Storage: -20 centigrade.
<b>Concentration</b>	0.1mg/ml after reconstitution.
<b>Shipping</b>	BLUE ICE
<b>Handling Advice</b>	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.
<b>Use/Stability</b>	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.
<b>Reconstitution</b>	Reconstitute with 100µl sterile water.

## GENE INFORMATION

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

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

Q99KQ4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA