

Recombinant Rat Nicotinamide Phosphoribosyltransferase

Cat. No. Nampt-1668R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length (a.a.27-491)mouse Nampt was expressed in E.coli, 53kDa.
Species	Rat
Source	E.coli
Description	Nicotinamide phosphoribosyltransferase (NAMPTase or Nampt) also known as pre-B-cell colony-enhancing factor 1 (PBEF1) or visfatin is an enzyme that in humans is encoded by the PBEF1 gene.This protein has also been reported to be a cytokine (PBEF) that promotes B cell maturation and inhibits neutrophil apoptosis.
Biological Activity	Mimics insulin effects in differentiating 3T3-L1 cells.
Molecular Weight	53 kDa
Form	Lyophilized without additives.
Appearance	Lyophilized protein
Endotoxin Level	<0.1 ng/μg
Reconstitution	Reconstitute in PBS to the concentration of 0.1-1 mg/ml.
Purity	>95% by SDS-PAGE.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

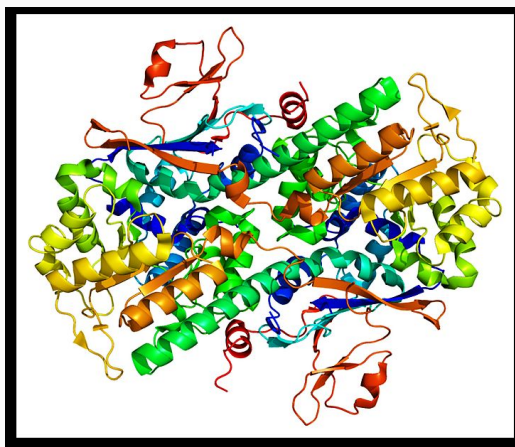
Storage	-20°C.
Pathways	Adipogenesis; Metabolism of vitamins and cofactors; Metabolism of water-soluble vitamins and cofactors; Nicotinamide salvaging; Nicotinate and nicotinamide metabolism; Nicotinate metabolism
GENE INFORMATION	
Gene Name	Nampt nicotinamide phosphoribosyltransferase [Rattus norvegicus]
Official Symbol	Nampt
Synonyms	Nampt; nicotinamide phosphoribosyltransferase; Pbef; Pbef1; visfatin; NAmPRTase; pre-B-cell colony enhancing factor 1; pre-B-cell colony-enhancing factor 1 homolog
Gene ID	297508
mRNA Refseq	NM_177928
Protein Refseq	NP_808789
UniProt ID	Q80Z29
Chromosome Location	6q16
Function	cytokine activity; drug binding; nicotinamide phosphoribosyltransferase activity; nicotinate phosphoribosyltransferase activity; nicotinate-nucleotide diphosphorylase (carboxylating) activity; protein homodimerization activity; transferase activity, transferring glycosyl groups

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