

Product datasheet for **AR09097PU-L**

Visfatin / NAMPT (His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Visfatin / NAMPT (His-tag) mouse recombinant protein, 0.5 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MNAAAEAEFN MGSSHHHHHH SSGLVPRGSH MNAAAEAEFN ILLATDSYKV THYKQYPPNT SKVYSYFECR EKKTENS KVR KVKYEETV FY GLQYILNKYL KGKVVTK EKI QEAKEVYREH FQDDVFNERG WNYILEKYDG HLP IEVKAVP EGSVIPRGNV LFTVENTDPE CYWLTNWIET ILVQSWYPIT VATNSREQK I LAKYLLETS GNLDGLEYKL HDFGYRGVSS QETAGIGASA HLVNFKGTD T VAGIALIKKY YGTDKDPVPGY SVPAAEHSTI TAWGKDHEKD AFEHIVTQFS SVPVSVSDS YDIYNACEKI WGEDLRHLIV SRSTEAPLI I RPDSGNPLDT VLKVL DILGK KFPVTENSKG YKLLPPYLRV IQGDGVDINT LQEIVEGMKQ KKWSIENVSF GSGGALLQKL TRDLLNCSFK CSYVVTNGLG VNVFKDPVAD PNKRSKKGRL SLHRTPAGNF VTLEEGKGD L EEYGHDLLHT VFKNGKVTKS YSFDEVRKNA QLNIEQDVAP H
Tag:	His-tag
Concentration:	lot specific
Purity:	≥90 by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: PBS, pH 7.4
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse visfatin, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_067499
Locus ID:	59027
UniProt ID:	Q99KQ4
Cytogenetics:	12 A3



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Synonyms: 1110035O14Rik; AI314458; AI480535; NAmPRTase; Pbef; Pbef1; Visfatin

Summary: The secreted form behaves both as a cytokine with immunomodulating properties and an adipokine with anti-diabetic properties, it has no enzymatic activity, partly because of lack of activation by ATP, which has a low level in extracellular space and plasma (By similarity). Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway. Plays a role in the modulation of circadian clock function. NAMPT-dependent oscillatory production of NAD regulates oscillation of clock target gene expression by releasing the core clock component: CLOCK-ARNTL/BMAL1 heterodimer from NAD-dependent SIRT1-mediated suppression. [UniProtKB/Swiss-Prot Function]

Product images:

