

Product datasheet for **AR09097PU-N**

Visfatin / NAMPT (His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Visfatin / NAMPT (His-tag) mouse recombinant protein, 0.1 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MNAAAEAEFN MGSSHHHHHH SSGLVPRGSH MNAAAEAEFN ILLATDSYKV THYKQYPPNT SKVYSYFECR EKKTENSKVR KVKEYETVfy GLQYILNKYL KGKVVTKKEKI QEAKVYREH FQDDVFNERG WNYILEKYDG HLPiEVKAVP EGSVIPRGNV LFTVENTDPE CYWLTNWIET ILVQSWYPIT VATNSREQKK ILAKYLLETS GNLDGLEYKL HDFGYRGVSS QETAGIGASA HLVNFKGTDt VAGIALIKKY YGTDKDPVPGY SVPAAEHSTI TAWGKDHEKD AFEHIVTQFS SVPVSVSDS YDIYNACEKI WGEDLRHLIV SRSTEAPLIi RPDSGNPLDT VLKVLdILGK KFPVTENSKG YKLLPPYLRV IQGDGVDINT LQEIVEGMKQ KKWSIENVSF GSGGALLQKL TRDLLNCSFK CSYVVTNGLG VNVFKDPVAD PNKRSKKGRL SLHRTPAGNF VTLEEGKGDL 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:

