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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NAMPT (Human) Recombinant Protein

Catalog Number: P9330

Regulation Status: For research use only (RUO)

Product Description: Human NAMPT recombinant protein expressed in *Escherichia coli*.

Sequence:

MPPNTSKVYSYFECREKKTENSKLRKVKYEETVFYGL
QYILNKYLKGVVTKKEIQEAKDVYKEHFQDDVFNEKG
WNYILEKYDGHLPKAVPEGFVIPRGNVLFVENTDP
ECYWLTNWETILVQSWYPITVATNSREQKILAKYLLE
TSGNLDGLEKYLHDFGYRGVSSQETAGIGASAHLVNF
KGTDTVAGLALIKKYYGTDKDPVPGYSVPAAEHSTITAW
GKDHEKDAFEHIVTQFSSVPVSVVSDSYDIYNACEKIW
GEDLRHLIVSRSTQAPLIIRPDGSGNPLDTVLKVLKILGKK
FPVTENSKGYKLLPPYLRVIQGDGVDINTLQEIVEGMK
QKMWSIENIAFGSGGGLLQKLRDLLNCSFKCSYVVT
NGLGINVFKDPVADPNKRSKKGRSLHRTTPAGNFVTL
EEGKGDLEEYQDLLHTVFKNGKVTKSYSFDEIRKNA
QLNIELEAAHH

Host: *Escherichia coli*

Theoretical MW (kDa): 52.6

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purification: chromatographic

Purity: > 90% as determined by SDS-PAGE.

Activity: The activity is determined by the ability to induce IL-6, IL-1 beta and TNF alpha production from human PBMCs at 100 ng/mL.

Storage Buffer: Protein was lyophilized with no additives. Reconstitute the lyophilized powder in 20 mM HCl to 0.1 mg/mL.

Storage Instruction: Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freeze/thaw cycles.

Entrez GeneID: 10135

Gene Symbol: NAMPT

Gene Alias: 1110035O14Rik, DKFZp666B131, MGC117256, PBEF, PBEF1, VF, VISFATIN

Gene Summary: This gene encodes a protein that catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein is an adipokine that is localized to the bloodstream and has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It also activates insulin receptor and has insulin-mimetic effects, lowering blood glucose and improving insulin sensitivity. The protein is highly expressed in visceral fat and serum levels of the protein correlate with obesity. This gene has a pseudogene on chromosome 10. [provided by RefSeq]