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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: P9331

Regulation Status: For research use only (RUO)

Product Description: Human NAMPT recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMNPAAEAENILLATDS
YKVTHYKQYPPNTSKVYSYFECREKKTENSKLRKVKY
EETVFYGLQYILNKYLKGVVTKKEIQEAKDVYKEHFQ
DDVFNEKGWNYILEKYDGHLPKIEKAVPEGFVIPRGNVL
FTVENTDPECYWLTNWIETILVQSWYPITVATNSREQK
KILAKYLLETSGNLDGLEKYLHDFGYRGVSSQETAGIG
ASAHLVNFKGTDTVAGLALIKKYYGTDKDPVPGYSVPAA
EHSTITAWGKDHEKDAFEHIVTQFSSVPSVSDSYDI
YNACEKIWGEDLRHLIVSRSTQAPLIIRPDSGNPLDTVL
KVLEILGKKFPVTENSKGYKLLPPYLRVIQGDGVDINTL
QEIVEGMKQKMWSIENIAFGSGGGLLQKLRDLLNCS
FKCSYVVTNGLGINVFKDPVADPNKRKSKGRSLHRT
PAGNFVTLEEGKGDLEEYQDLLHTVFKNGKVTKSYS
FDEIRKNAQLNIELEAAHH

Host: *Escherichia coli*

Theoretical MW (kDa): 57

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

Form: Liquid

Preparation Method: *Escherichia coli* expression system

Purity: > 95% as determined by (a) RP-HPLC.(b) SDS-PAGE.

Storage Buffer: Solution containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 0.1 mM DTT.

Storage Instruction: Store at 4°C for one weeks and should be stored at -20°C to -80°C for long term storage. 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]