

Visfatin Recombinant Protein | Nampt recombinant protein

Visfatin, 1- 491aa, Mouse, His tag, E Coli

CATALOG # AAA48465	HOST E Coli	APPLICATIONS SDS-Page
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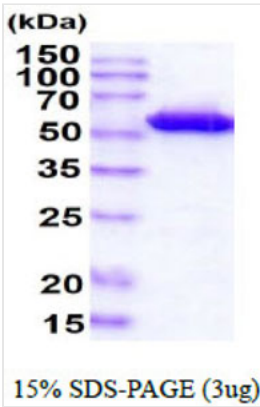
PRODUCT SYNONYMS

Visfatin; 1- 491aa; Mouse; His tag; E Coli; Pre-B-cell colony-enhancing factor 1; visfatin mouse; mouse visfatin; Nicotinamide phosphoribosyltransferase [Musculus]; Nampt recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid in Phosphate-Buffered Saline (pH 7.4)
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence Positions	1-491
Sequence	MGSSHHHHHH SSGLVPRGSH MNAAAEAEFN MGSSHHHHHH SSGLVPRGSH MNAAAEAEFN ILLATDSYKV THYKQYPPNT SKVYSYFECR EKKTENSQVR KVKYEETVFY GLQYILNKYL KGKVVTKEDI QEAKEVYREH FQDDVFNERG WNYILEKYDG HLPYEVKAVP EGSVIPRGNV LFTVENTDPE CYWLTNWIET ILVQSWYPIT VATNSREQKK ILAKYLLETS GNLDGLEYKL HDFGYRGVSS QETAGIGASA HLVNFKGTDI VAGIALIKKY YGTKDPVPGY SVPAAEHSTI TAWGKDHEKD AFEHIVTQFS SVPVSVVSDS YDIYNACEKI WGEDLRHLIV SRSTEAPLII RPDGSGNPLDT VLKVLIDILGK KFPVTENSKG YKLLPPYLRV IQGDGVDINT LQEIVEGMKQ KKWSIENVSF GSGGALLQKL TRDLLNCSFK CSYVVTNGLG VNVFKDPVAD PNKRSKKGRL SLHRTAGNF VTLEEGKGD L EEYGHDL LHT VFKNGKVTKS YSFDEVKNA QLNIEQDVAP H
Sequence Length	491
Applicable Applications for Nampt recombinant protein	SDS-PAGE
Antigen Species	Mouse
Tag Information	His-tag
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C . Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE
3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for Nampt recombinant protein	Visfatin is predominantly secreted from visceral adipose tissue both in humans and mice. This protein has also been reported to be a cytokine (pre-B cell colony-enhancing factor, PBEF) that promotes B cell maturation and inhibits neutrophil apoptosis, or a visceral-fat derived hormone that acts by binding and activating the insulin receptor. Recombinant mouse visfatin was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for Nampt recombinant protein	Hormones & Cytokines
References	Stephens JM., et al. (2006) Curr Opin Lipidol. 17:128-31.; Hug C., et al. (2005) Science. 307 (5708):366-7.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	257153454
NCBI GeneID	59027
NCBI Accession #	NP_067499
NCBI GenBank Nucleotide #	NM_021524.2
UniProt Accession #	Q99KQ4; Q8C3B5; Q9JKM0
Molecular Weight	57 kDa (511 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	nicotinamide phosphoribosyltransferase
NCBI Official Synonym Full Names	nicotinamide phosphoribosyltransferase
NCBI Official Symbol	Nampt
NCBI Official Synonym Symbols	Pbef; Pbef1; AI314458; AI480535; Visfatin; NAmPRTase; 1110035O14Rik
NCBI Protein Information	nicotinamide phosphoribosyltransferase
UniProt Protein Name	Nicotinamide phosphoribosyltransferase
UniProt Gene Name	Nampt
UniProt Synonym Gene Names	Pbef1; NAmPRTase; Nampt; PBEF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

