Visfatin (VF) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Visfatin (VF), Polyclonal Antibody
Full Product Name	PE-Linked Polyclonal Antibody to Visfatin (VF)
Product Gene Name	anti-VF antibody
Product Synonym Names	Visfatin; Nampt; NAmPRTase; PBEF; PBEF1; Pre-B-Cell Colony Enhancing Factor; Nicotinamide Phosphoribosyltransferase
Immunogen Sequence	Met1~His49 1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Purity/Purification	Protein A + Protein G affinity chromatography
Concentration	>=0.1mg/mL (Please refer to the vial label for the specific concentration.) (lot specific)
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, -20 degree C for 12 months
Matching Pairs	PE Conjugated Antibody: VF (MBS2164255) Immunogen: VF (MBS2097625)
Matching Pairs	Unconjugated Antibody: VF (MBS2169447) PE Conjugated Antibody: VF (MBS2164255)
Molecular Weight	55,447 Da
3D Structure	ModBase 3D Structure for Q99KQ4
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Conjugation	PE
Product Categories/Family for anti-VF antibody	Polyclonal Antibodies (Primary Abs); Primary, PE-conjugated; Metabolic pathway; Cardiovascular biology; Hepatology
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-VF antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-VF antibody	WB: 0.01-2ug/mL IHC: 5-20ug/mL ICC: 5-20ug/mL
Related Product Information for anti-VF antibody	MBS2164255 is an antibody targeting VF. Also known as PE-Linked Polyclonal Antibody to Visfatin (VF). Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-VF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VF. It may not necessarily be applicable to this product.

NCBI GI #	257153454
NCBI GeneID	59027
NCBI Accession #	NP_067499.2
UniProt Primary Accession #	Q99KQ4
UniProt Secondary Accession #	Q8C3B5; Q9JKM0
UniProt Related Accession #	Q99KQ4
GenBank Nucleotide #	NM_021524.2
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
UniProt Protein Name	Nicotinamide phosphoribosyltransferase
UniProt Synonym Protein Names	Pre-B-cell colony-enhancing factor 1 homolog; PBEF; Visfatin
UniProt Gene Name	Nampt
UniProt Synonym Gene Names	Pbef1; NAmPRTase; Nampt; PBEF
UniProt Entry Name	NAMPT_MOUSE
NCBI Protein Information	nicotinamide phosphoribosyltransferase; pre-B-cell colony-enhancing factor 1 homolog
UniProt Comments for VF	PBEF: an ubiquitous protein originally described as a cytokine which acts on early B-lineage precursor cells. Other reports indicate that PBEF is not a cytokine-like secreted protein but an intracellular protein associated with the cell cycle. Contains a catalytically active nicotinate phosphoribosyltransferase domain, an enzyme involved in nicotinamide adenine dinucleotide (NAD) biosynthesis. Protein type: Cofactor and Vitamin Metabolism - nicotinate and nicotinamide; Cell cycle regulation; Cytokine; Transferase; EC 2.4.2.12 Cellular Component: extracellular space; cytoplasm; extracellular region; nucleus Molecular Function: transferase activity; transferase activity, transferring glycosyl groups; protein homodimerization activity; cytokine activity; nicotinate-nucleotide diphosphorylase (carboxylating) activity; drug binding; nicotinamide phosphoribosyltransferase activity Biological Process: NAD biosynthetic process; positive regulation of smooth muscle cell proliferation; rhythmic process; pyridine nucleotide biosynthetic process; positive regulation of transcription from RNA polymerase II promoter; circadian regulation of gene expression; positive regulation of nitric-oxide synthase biosynthetic process
Research Articles on VF	**1.** NAMPT is a key novel ARDS therapeutic target and candidate gene with genetic/epigenetic transcriptional regulation in response to excessive mechanical stress.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-mouse-antibody/visfatin-vf/2164255