

## Recombinant Human Visfatin Protein

Catalog #	Source	Reactivity	Applications
CRP2838	E. coli	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human Visfatin Protein is produced by E.coli expression system and the target gene encoding Met1-His491 is expressed with a 6His tag at the N-terminus.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of 20mM HEPES, 150mM NaCl, pH8.0.
<b>Gene Symbol</b>	NAMPT
<b>Alternative Names</b>	PBEF; PBEF1; Nicotinamide phosphoribosyltransferase; NAmPRTase; Nampt; Pre-B-cell colony-enhancing factor 1; Pre-B cell-enhancing factor; Visfatin
<b>Entrez Gene</b>	10135 (Human)
<b>SwissProt</b>	P43490 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	MNHKVVHHHHH HMNPAAEAEF NILLATDSYK VTHYKQYPPN TSKVYSYFEC REKKTENSKL RKVKYEETVF YGLQYILNKY LKGKVVTKKE IQEAKDVYKE HFQDDVFNEK GWNYILEKYD GHLPIEIKAV PEGFVIPRGN VLFTVENTDP EYWLTNWIE TILVQSWYPI TVATNSREQK KILAKYLLET SGNLDGLEEK LHDFGYRGVS SQETAGIGAS AHLVNFKGTD TVAGLALIKK YYGTKDPVPG YSVPAAEHST ITAWGKDHEK DAFEHIVTQF SSVPSVSVSD SYDIYNACEK IWGEDLRHLI VSRSTQAPLI IRPDSGNPLD TVLKVLEILG KKFPVTENSK GYKLLPPYLR VIQGDGVDIN TLQEIVEGMK QKMWSIENIA FGSGGGLLQK LTRDLLNCSF KCSYVVVTNGL GINVFKDPVA DPNKRSKGR LSLHRTPAGN FVTLEEGKGD LEEYGQDLLH TVFKNGKVTK SYFDEIRKN AQLNIELEAA HH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
<b>Application key:</b>	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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