



<b>Swiss-Prot No.:</b>	P43490
<b>Altermname:</b>	PBEF1
<b>Storage/Stability:</b>	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Immunogen:</b>	Purified recombinant fragment of PBEF1 (aa338-479) expressed in E. Coli.
<b>Purification:</b>	Ascitic fluid
<b>Reactivity:</b>	Human
<b>Other Names:</b>	VF; PBEF; PBEF1; VISFAT IN; NAMPT
<b>Background:</b>	PBEF1: nicotinamide phosphoribosyltransferase. 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.
<b>Gene ID:</b>	10135

<b>Cellular localization:</b>	Cytoplasm, Nucleus, Secreted
<b>Source:</b>	Mouse
<b>Antibody type:</b>	Monclonal antibody
<b>Isotype:</b>	Mouse IgG1
<b>Preservative:</b>	Ascitic fluid containing 0.03% sodium azide.
<b>Recommended Dilutions:</b>	WB: 1/500 - 1/2000; IHC: N/A; ICC: N/A; FCM: N/A; Elisa: 1/10000
<b>Clone Number:</b>	2E11-F7-G3