

Product datasheet for **AM31846PU-N**

Factor VII (F7) (+VIIa) Mouse Monoclonal Antibody [Clone ID: CaFVII-22]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CaFVII-22
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Factor VII (CaFVII-22) purified from plasma.
Specificity:	This antibody is specific for factor VII/VIIa (CaFVII-22).
Formulation:	PBS containing 0.02% sodium azide (NaN ₃) as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	coagulation factor VII
Database Link:	Entrez Gene 2155 Human P08709



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Background:	Human blood coagulation factor VII is a 50 kD, vitamin K dependent, plasma glycoprotein synthesized in the liver and secreted into the blood as a single chain zymogen of serine protease factor VIIa. Factor VII participates in a cascade of reactions leading to the coagulation of blood and contains two Epidermal Growth Factor (EGF) domains. Factor VII participates in the extrinsic pathway of blood coagulation in an Activated form called factor VIIa. Factor VII can be converted to VIIa by Factor IXa or thrombin.
Synonyms:	Proconvertin, SPCA
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Complement and coagulation cascades