

## HUMAN PLASMA VITRONECTIN PURIFIED PROTEIN

---

<b>CATALOG NUMBER:</b>	<b>CC080</b>	<b>QUANTITY:</b>	100 µg
<b>LOT NUMBER:</b>		<b>CONCENTRATION:</b>	1 mg/mL
<b>ALTERNATE NAMES:</b>	S-Protein		
<b>DESCRIPTION:</b>	Vitronectin (S-protein) is a multi-functional plasma and extracellular matrix protein with defined activity in cell adhesion, thrombosis, complement activation, fibrinolysis, inflammation, and platelet adhesion. Vitronectin binds to other macromolecules and participates in regulatory circuits to control these processes. Some target macromolecules that interact with vitronectin are heparin, PAI-1, proteases such as thrombin and urokinase-type plasminogen activator (uPA), serine protease inhibitor-protease complexes, the uPA receptor, and a sub-class of integrin receptors on the surface of cells. Vitronectin is also applied as a thin coating on tissue-culture surfaces, which is useful to promote cell attachment, spreading, proliferation, and differentiation of many normal and neoplastic cells, and to study cell migration.		
<b>SOURCE:</b>	Human plasma; tested negative for HBsAg and HIV.		
<b>PURITY:</b>	≥ 90% by SDS-PAGE. Two bands in SDS-PAGE at 65 kDa and 75 kDa.		
<b>APPLICATIONS:</b>	Cell attachment assays: 1 µg/mL ELISA Immunization Electrophoresis <i>Optimal working dilutions must be determined by end user.</i>		
<b>PRESENTATION:</b>	Liquid in 50 mM sodium phosphate, 100 mM NaCl, pH 7.4, containing no preservatives.		
<b>STORAGE/HANDLING:</b>	Maintain at -70° C for up to 12 months from date of receipt. Aliquot to avoid repeated freeze/thaw cycles.		
<b>REFERENCES:</b>	Marchenko, G. N. <i>et al.</i> (2001). Characterization of matrix metalloproteinase-26, a novel metalloproteinase widely expressed in cancer cells of epithelial origin. <i>Biochem. J.</i> <b>356</b> : 705-718.		

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

***For research use only; not for use as a diagnostic.***

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

© 2007 CHEMICON® International, Inc. - By CHEMICON® International, Inc. All rights reserved. No part of these works may be reproduced in any form without permissions in writing.

---

USA & Canada • Phone: +1(800) 437-7500 • Fax: +1 (951) 676-9209 • Europe +44 (0) 23 8026 2233  
Australia +61 3 9839 2000 • Germany +49-6192-207300 • ISO Registered worldwide  
www.chemicon.com • custserv@chemicon.com • techserv@chemicon.com