

Recombinant Human Vitronectin Protein

Catalog #	Source	Reactivity	Applications
CRP2839	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human Vitronectin Protein is produced by E.coli expression system and the target gene encoding Val62-Leu478 is expressed.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	VTN		
Alternative Names	Vitronectin; VN; S-protein; Serum-spreading factor; V75		
Entrez Gene	7448 (Human)		
SwissProt	P04004 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MVTRGDVFTM PEDEYTVYDD GEEKNNATVH EQVGGPSLTS DLQAQSKGNP EQTPVLKPEE EAPAPEVGAS KPEGIDSRPE TLHPGRPQPP AEEELCSGKP FDAFTDLKNG SLFAFRGQYC YELDEKAVRP GYPKLIRDVW GIEGPIDAAF TRINCQGKTY LFKGSQYWRF EDGVLDPDYP RNISDGFDDGI PDNVDAALAL PAHSYSGRER VYFFKQKQYW EYQFQHQPSQ EECEGSSLSA VFEHFAMMQR DSWEDIFELL FWGRTSAGTR QPQFISRDWH GVPGQVDAAM AGRIYISGMA PRPSLAKKQR FRHRNRKGYR SQRGHSRGRN QNSRRPSRAT WLSLFSSEES NLGANNYDDY RMDWLVPATC EPIQSVFFFS GDKYYRVNLR TRRVDTVDPP YPRSIAQYWL GCPAPGHL</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Please minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: 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

Species reactivity key: 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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