9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-20533: Animal-Free Recombinant Human Vitronectin(Discontinued)

Reactivity : Human
Alternative Name : VTN, Serum-spreading factor, V75

Description

Source:HEK293 cells
Vitronectin is a secreted glycoprotein that is synthesized in the liver. It circulates primarily in monomeric form, but can undergo conformational change to a structure that forms disulfide-linked multimers. The multimeric vitronectin can efficiently bind to, and incorporate into, the extracellular matrix. Within the matrix, vitronectin can support cell adhesion through binding to various integrins and other proteoglycans. Additionally, recombinant vitronectin can function as a chemically-defined matrix component in human embryonic stem cell renewal media. Recombinant Human Vitronectin is a 459 amino acid, single-chain, monomeric protein, which migrates at an apparent molecular weight of 75 kDa by SDS-PAGE under reducing conditions. The calculated molecular weight of Recombinant Human Vitronectin is 52.2 kDa.

Product Info

Amount : 100 µg / 500 µg
Purification : Purity:>= 95% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : DQESCKGRCT EGFNVDKKCQ CDELCSYYQS CCTDYTAECK PQVTRGDVFT MPEDEYTVYD DGEEKNNATV HEQVGGPSLT SDLQAQSKGN PEQTPVLKPE EEAPAPEVGA SKPEGIDSRP ETLHPGRPQP PAEEELCSGK PFDAFTDLKN GSLFAFRGQY CYELDEKAVR PGYPKLIRDV WGIEGPIDAA FTRINCQGKT YLFKGSQYWR FEDGVLDPDY PRNISDGFDG IPDNVDAALA LPAHSYSGRE RVYFFKGKQY WEYQFQHQPS QEECEGSSLS AVFEHFAMMQ RDSWEDIFEL LFWGRTSAGT RQPQFISRDW HGVPGQVDAA MAGRIYISGM APRPSLAKKQ RFRHRNRKGY RSQRGHSRGR NQNSRRPSRA TWLSLFSSEE SNLGANNYDD YRMDWLVPAT CEPIQSVFFF SGDKYYRVNL RTRRVDTVDP PYPRSIAQYW LGCPAPGHL

Application Note

Recombinant human Vitronectin promotes attachment of hESC and iPSC in serum-free, feeder conditions at 5ug/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.