

32-5244: Recombinant Human Vitronectin

Alternative Name : Vitronectin precursor,V75,VN,VNT,Vitronectin,VTN,S-protein,Serum-spreading factor,Vitronectin V65 subunit,Vitronectin V10 subunit,Somatomedin-B.

Description

Source : Escherichia Coli. VTN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 482 amino acids (20-478 a.a) and having a molecular mass of 54.7kDa. VTN is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Vitronectin (VTN) which is a part of the pexin family is a cell adhesion and spreading factor found in serum and tissues. VTN interacts with glycosaminoglycans and proteoglycans. VTN inhibits the membrane-damaging effect of the terminal cytolytic complement pathway and binds to numerous serpin serine protease inhibitors. Scientists have been noticed an over expression of VTN, integrins and plasminogen in migrating cells during wound healing.

Product Info

Amount : 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : VTN protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSDQESCKG RCTEGFNVDK KCQCDELCSY YQSCCTDYTA
ECKPQVTRGD VFTMPED EYT VYDDGEEKNN ATVHEQVGGP SLTSDLQAQS KGNPEQTPVL KPEEEAPAPE
VGASKPEGID SRPETLHPGR PQPPAEELC SGKPFDAFTD LKNGSLFAFR GQCYELDEK AVRPGYPKLI
RDVWGI EGP I DAAFTRINCQ GKTYLFGKSQ YWRFEDGVLD PDYPRNISDG FDGIPDNVDA ALALPAHSYS
GRERVYFFKG KQYWEYQFQH QPSQEECEGS SLSAVFEHFA MMQRDSWEDI FELLFWGRTS
AGTRQPQFIS RDWHGVPGQV DAAMAGRIYI SGMAPRPSLA KKQRFRRHRNR KGYRSQRGHS
RGRNQNSRRP SRATWLSLFS SEESNLGANN YDDYRMDWL V PATCEPIQSV FFFSGDKYYR VNLRTRRVDT
VDPYPR SIA QYWLGC PAPG HL.

