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VTN Human

Vitronectin Human Recombinant
RCP2571

Product Overview

Name	VTN Human
Description	
Vitronectin Human Recombinant	
Accession (Primary)	P04004
Synonyms	
Vitronectin precursor, V75, VN, VNT, Vitronectin, VTN, S-protein, Serum-spreading factor, Vitronectin V65 subunit, Vitronectin V10 subunit, Somatomedin-B.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
VTN protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS DQESCKG RCTEGFNVDK KCQCDELCSY YQSCCTDYTA ECKPQVTRGD VFTMPEDEYT VYDDGEEKNN ATVHEQVGGP SLTSDLQAQS KGNPEQTPVL KPEEEAPAPE VGASKPEGID SRPETLHPGR PQPPAEEELC SGKPFDAFTD LKNGSLFAFR GQYCYELDEK AVRPGYPKLI RDVWGIEGPI DAAFTRINCQ GKTYLFKGSQ YWRFEDGVLD PDYPRNISDG FDGIPDNVDA ALALPAHSYS GRERVYFFKG	

KQYWEYQFQH QPSQEECEGS SLSAVFEHFA MMQRDSWEDI FELLFWGRTS AGTRQPQFIS RDWHGVPGQV DAAMAGRIYI SGMAPRPSLA KKQRFRHRNR KGYRSQRGHS RGRNQNSRRP SRATWLSLFS SEESNLGANN YDDYRMDWLV PATCEPIQSV FFFSGDKYYR VNLRTRRVDT VDPPYPRSIA QYWLGCPAPG HL.

Precautions

VTN Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P04004)