

Human VTN Recombinant Protein



RPPB5144

Product Information Protein Information

Product SKU:

RPPB5144

Accession:

P04004

Host:

Sf9, Insect cells.

Protein description:

VTN produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 468 amino acids (20-478a.a.) and having a molecular mass of 53.3kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).VTN is expressed with an 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

VN, S-protein, Serum-spreading factor, V75, VTN.

Formulation:

VTN protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

ADPDQESCKG RCTEGFNVDK KCQCDELCSY YQSCCTDYTA ECKPQVTRGD VFTMPEDEYTVYDDGEEKNN
ATVHEQVGGP SLTSDLQAQS KGNPEQTPVL KPEEEAPE VGASKPEGIDSRPETLHPGR PQPPAEELC
SGKPFDAFTD LKNGSLFAFR GQYCYELDEK AVRPGYPKLRDVGIEGPI DAAFTRINCQ GKTYLFKGSQ
YWRFEDEVLD PDYPRNIDG FDGIPDNVDAALALPAHSYS GRERVYFFKG KQYWEYQFQH QPSQEECEGS
SLSAVFEHFA MMQRDSWEDIFELLFWGRTS AGTRQPQFIS RDWHGVPGQV DAAMAGRIYI SGMAPRPSLA
KKQFRFRHRNRKGYRSQRGHS RGRNQNSRRP SRATWLSLFS SEESNLGANN YDDYRMDWL
PATCEPIQSVFFFSGDKYYR VNLRRTRVDT VDPYPRISIA QYWLGCAPG HLHHHHHHH.

Biological Activity:

Measured by the ability of the immobilized protein to support the adhesion of B16-F10 mouse melanoma cells. The ED50 is 5ug/ml when cells are added to VTN coated plates.