



# Recombinant Human Vitronectin (VTN)

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| <b>Product Code</b>      | CSB-EP025944HU-B   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P04004   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | D QESCKGRCTE GFNVDKKCQC DELCSYYQSC CTDYTAECKP<br>QVTRGDVFTM PEDEYTVYDD GEEKNNATVH EQVGGPSLTS<br>DLQAQSKGNP EQTPVLKPEE EAPAPEVGAS KPEGIDSRPE TLHPGRPQPP<br>AEEELCSGKP FDAFTDLKNG SLFAFRGQYC YELDEKAVRP GYPKLIRDVW<br>GIEGPIDAAF TRINCQGKTY LFKGSQYWRP EDGLVDPDYP RNISDGFDDI<br>PDNVDAALAL PAHSYSGRER VYFFKGGKQYW EYQFQHQPSQ EECEGSSLSA<br>VFEHFAMMQR DSWEDIFELL FWGRTSAGTR QPQFISRDWH<br>GVPGQVDAAM AGRIYISGMA PRPSLAKKQR FRHRNRKGYR<br>SQRGHSRGRN QNSRRPSRAT WLSLFSSEES NLGANNYDDY<br>RMDWLVPATC EPIQSVFFFS GDKYYRVNLR TRRVDTVDPP YPRSIAQYWL<br>GCPAPGHL |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | VTN  |
| <b>Protein Names</b>     | Recommended name: Vitronectin Alternative name(s): S-protein Serum-spreading factor V75 Cleaved into the following 3 chains: 1. Vitronectin V65 subunit 2. Vitronectin V10 subunit 3. Somatomedin-B  |
| <b>Expression Region</b> | 20-478   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full Length of Mature Protein  |
| <b>Target Details</b>    | This protein is a member of the pexin family. It is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond.   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.   |



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.