



Recombinant Human Vitronectin (VTN)

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| Product Code | CSB-BP025944HU |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P04004 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | D QESCKGRCTE GFNVDKKCQC DELCSYYQSC CTDYTAECKP QVTRGDVFTM PEDEYTVYDD GEEKNNATVH EQVGGPSLTS DLQAQSKGNP EQTPVLKPEE EAPAPEVGAS KPEGIDSRPE TLHPGRPQPP AEEELCSGKP FDAFTDLKNG SLFAFRGQYC YELDEKAVRP GYPKLIRDVW GIEGPIDAAF TRINCQGKTY LFKGSQYWRP EDGLVDPDYP RNISDGFDDI PDNVDAALAL PAHSYSGRER VYFFKGGKQYW EYQFQHQPSQ EECEGSSLSA VFEHFAMMQR DSWEDIFELL FWGRTSAGTR QPQFISRDWH GVPGQVDAAM AGRIYISGMA PRPSLAKKQR FRHRNRKGYR SQRGHSRGRN QNSRRPSRAT WLSLFSSEES NLGANNYDDY RMDWLVPATC EPIQSVFFFS GDKYYRVNLR TRRVDTVDPP YPRSIAQYWL GCPAPGHL |
| Source | Baculovirus |
| Target Names | VTN |
| Protein Names | 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 |
| Expression Region | 20-478 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | 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. |
| Reconstitution | 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. |
| Shelf Life | 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.