



# Recombinant Pig Vitronectin (VTN)

<b>Product Code</b>	CSB-MP025944PI
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P48819
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	D QESCKGRCTD GFIAERKCQC DELCSYYQSC CTDYVAECKP QVTRGDVFLQ PDDEYRAYDY HEETRHNSTV QEEQRIPVLL AKTEETPVLK PEEEAPPPGP QTDDLGVPEE ELCSGKPFDA FTNLKNGSVF AFRGLYCYEL DEKAVRPGYP KLIQDVWGIK GPIDAAFTRI NCQGKTYLTK GSQYWRFDG VLDPNYPREI SEGFKGIPDD VDAALALPAH SYSGRERVYF FKGKQYWEYV FQQQPSREEC EGSSPSDVFA HFALMQRDSW EDIFRLLFWS HSFGGAI EPR VISQDWLGLP EQVDAAMAGQ IYISGSALKP SQPKMTKSAR RSGKRYRSRR GRGRGRGHSR SQKSHRQSRS TWLPWFSSEE TGPGGYNYDD YKMDWLVPAT CEPIQSVYFF SGEEYRVNL RTQRVDTVTP PYPRSIAQYW LGCPVPDQK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	VTN
<b>Protein Names</b>	Recommended name: Vitronectin Alternative name(s): S-protein Serum-spreading factor
<b>Expression Region</b>	20-459
<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.