



# Recombinant Rat von Willebrand factor (Vwf)

<b>Product Code</b>	CSB-EP025960RA-B
<b>Abbreviation</b>	Vwf
<b>Storage</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.
<b>Uniprot No.</b>	Q62935
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	HCDGVNLTCE ACQEPGGLVV PPTDAPVSST TPYVEDTPEP PLHNFYCSKL LDLVFLLDGS YRLSEAEFEV LKAFVVG TME RLHISQKRIR VAVVEYHDGS HAYLELRARK RPSELRRIAS QIKYVGSQLA STSEVLKYTL FQIFGKIDRP EASRVILLT ASQEPQRMAR YFTRYLQGFK KKKVILIPVG IGPHANLKQI RLIEKQAPEN KAFLLSGVDE LEQRRDEIIN YLCDLAPEAP APSKPPQVAH ITVSPGISGV SSPGPKRKSL VLDVVFVLEA SDEVGEANFN KSKEFLEEVI QRMDVSPAGT HIAVLQYSYT VNVEYTFKEA QSKEDVLRHV REIRYQGGNR TNTGQALQYL SEHSFSPSQG DREQAPNLVY MVTGNPASDE IRRPLPGDIQV VPIGVGSRAN LQELERISRP ITPIFIQDFE
<b>Source</b>	E.coli
<b>Target Names</b>	Vwf
<b>Protein Names</b>	Recommended name: von Willebrand factor Short name= vWF
<b>Expression Region</b>	1-430
<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 protein
<b>Target Details</b>	The glycoprotein encoded by this gene functions as both an antihemophilic factor carrier and a platelet-vessel wall mediator in the blood coagulation system. It is crucial to the hemostasis process. Mutations in this gene or deficiencies in this protein result in von Willebrand s disease. An unprocessed pseudogene has been found on chromosome 22.
<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.