



Recombinant Rat von Willebrand factor (Vwf)

Product Code	CSB-EP025960RA
Abbreviation	Vwf
Storage	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.
Uniprot No.	Q62935
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	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 IRRLPGDIQV VPIGVGSRAN LQELERISRP ITPIFIQDFE
Source	E.coli
Target Names	Vwf
Protein Names	Recommended name: von Willebrand factor Short name= vWF
Expression Region	1-430
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 protein
Target Details	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.
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,



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