



# Recombinant Mouse von Willebrand factor (Vwf), partial

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| <b>Product Code</b>      | CSB-EP025960MO-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.<br>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>       | Q8CIZ8   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Mus musculus (Mouse)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | TEKPRDRP STARCSLFGD DFINTFDETM YSFAGGCSYL LAGDCQKRSF<br>SILGNFQDGK RMSLSVYLGE FFDIHLFANG TVMQGDQSIG MPYASQGLYL<br>ELEAGYYKLS SETFGFAARI DGNGNFQVLM SDRHFNKTCG LCGDFNIFAE<br>DDFRTQEGTL TSDPYDFANS WALSSSEQRC KRASPPSRNC<br>ESSSGDMHQA MWEQCQLLKT ASVFARCHPL VDPESFVALC EKILCTCATG<br>PECACPVLE YARTCAQEGM VLYGWTDHSA CRPACPAGME<br>YKECVSPCPR TCQSLSINEV CQQQCVDGCS CPEGELLED RCVQSSDCPC<br>VHAGKRYPPG TSLSQDCNTC ICRNSLWICS NEECPGECLV TGQSHFKSFD<br>NRYFTFSGIC QYLLARDCED HTFSIVIETM QCADDPDAVC TRSVSVRLSA<br>LHNSLVKCLKH GGAVGIDGQD VQLPFLQGD LRIQHTVMASV RLSYAEDLQM<br>DWDGRGRLLV KLSPVYSGKT CGLCGNYNGN KGDDFLTPAG LVEPLVVDFG<br>NAWKLQGDSC DLRRQHSDPC SLNPRLTRFA EEACALLTSS KFEACHHAVS<br>PLPYLQNCRY DVCSCSDSRD CLCNAVANYA AECARKGVHI GWREPGFCAL<br>GCPQGQVYLQ CGNSCNLTCR SLSLPDEECS EVCLEGCYCP<br>PGLYQDERGD CVPKAQCPCY YDGEFQPAD IFSDHHTMCY CEDGFMHCTT<br>SGTLGSLLPD TVLSSPLSHR SKR |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | Vwf  |
| <b>Protein Names</b>     | Recommended name: von Willebrand factor Short name= vWF Cleaved into the following chain: 1. von Willebrand antigen 2 Alternative name(s): von Willebrand antigen II   |
| <b>Expression Region</b> | 23-763   |
| <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>    | Partial  |
| <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.

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**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.

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**Shelf Life**

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