

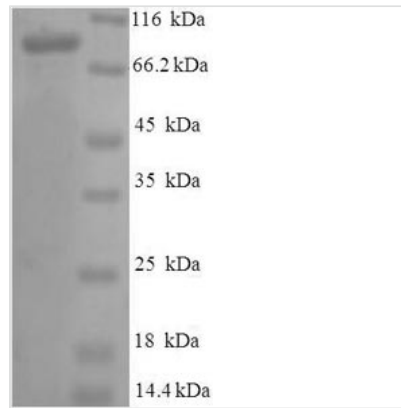


# Recombinant Human Vitamin K-dependent protein S(PRO S1)

|                            |   |
|----------------------------|---|
| <b>Product Code</b>        | CSB-EP018754HU  |
| <b>Relevance</b>           | Anticoagulant plasma protein; it is a cofactor to activated protein C in the degradation of coagulation factors Va and VIIIa. It helps to prevent coagulation and stimulating fibrinolysis.   |
| <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>         | P07225  |
| <b>Storage Buffer</b>      | Tris-based buffer,50% glycerol  |
| <b>Product Type</b>        | Recombinant Protein   |
| <b>Species</b>             | Homo sapiens (Human)  |
| <b>Purity</b>              | Greater than 90% as determined by SDS-PAGE.   |
| <b>Sequence</b>            | ANSLLEETKQGNLERECIEELCNKEEAREVFENDPETDYFYPKYL VCLRSFQT<br>GLFTAARQSTNAYPDLRSCVNAIPDQCSP LPCNEDGYMSCKD GKASFTCTCK<br>PGWQGEKCEFDINECKDPSNINGGCSQICDNTPGSYHC SCKNGFVMLS NKKD<br>CKDVDECSLKPSICGTAVCKNIPGDFECECEG YRYNLKSKSCEDIDECSENM<br>CAQLCVNYPGGYTCYCDGKKGFKLAQDQKSCEVVS VCLPLNLDTKYELLYLA<br>EQFAGVVLYLKFR LPEISRFSAEFDFRTYDSEGVILYAESIDHS AWLLIALRGGKI<br>EVQLKNEHTSKIT TGGDVINNLW NMVSV EEELEHSISIKIAKEAVMDINKPGPLF<br>KPENGLLETKVYFAGFPRKVESELIPINPRLDGCIRSWNL MKQGASGIKEIIQE<br>KQNKHCLVTVEKGSYYPGSGIAQFHIDYNNVSSAEGWHVNVTLNIRPSTGTGV<br>MLALVSGNNTV PFAVSLVDSTSEKSQDILLSVENTVIYRIQALS L CSDQQSHLEF<br>RVNRRNLELSTPLKIETISHEDLQRQLAVLDKAMKAKVATYLGGLPDVPFSATP<br>VNAFYNGCMEVNINGVQLDLDEAISKHNDIRAHSCPSVWKKTKNS |
| <b>Lead Time</b>           | 3-7 business days   |
| <b>Research Area</b>       | Cardiovascular  |
| <b>Source</b>              | E.coli  |
| <b>Gene Names</b>          | PROS1   |
| <b>Expression Region</b>   | 42-676aa  |
| <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>            | N-terminal 6xHis-SUMO-tagged  |
| <b>Mol. Weight</b>         | 86.6kDa   |
| <b>Protein Description</b> | Full Length of Mature Protein   |



## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.