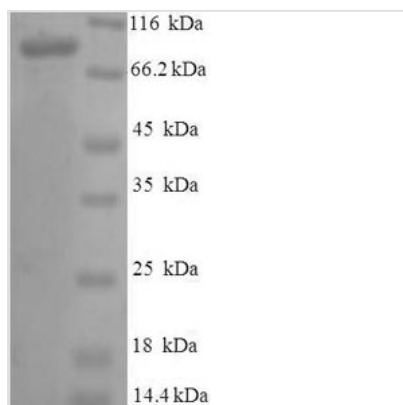




Recombinant Human Vitamin K-dependent protein S (PROS1)

Product Code	CSB-EP018754HU
Relevance	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.
Abbreviation	Recombinant Human PROS1 protein
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.	P07225
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	<p>ANSLLEETKQGNLERECIEELCNKEEAREVFENDPETDYFYPKYLVCLRSFQT GLFTAARQSTNAYPDLRSCVNAIPDQCSP LPCNEDGYMSCKDGKASFTCTCK PGWQGEKCEFDINECKDPSNINGGCSQICDNTPGSYHCCKNGFVMLSNNKKD CKDVDECSLKPSICGTAVCKNIPGDFECECEGYRYNLKSKCEDIDECSENM CAQLCVNYPGGYTCYCDGKKGFKLAQDQKSCEVSVCLPLNLDTKYELLYLA EQFAGVVLYLKFRLPEISRFSAEFDFRTYDSEGVILYAESIDHSALLIALRGGKI EVQLKNEHTSKITGGDVINNLWNVSVVEELEHSISIKIAKEAVMDINKPGPLF KPENGLLETKVYFAGFPRKVESELIPINPRLDGCIRSWNLMKQGASGIKEIIQE KQNKHCLVTVEKGSYYPGSGIAQFHIDYNNVSSAEGWHVNVTLNIRPSTGTGV MLALVSGNNTVPFAVSLVDSTSEKSQDILLSVENTVIYRIQALS LCSDQQSHLEF RVNRRNLELSTPLKIETISHEDLQRQLAVLDKAMKAKVATYLGGLPDVPPSATP VNAFYNGCMEVNINGVQLDLDEAISKHNDIRAHSCPSVWKKTKNS</p>
Research Area	Cardiovascular
Source	E.coli
Target Names	PROS1
Expression Region	42-676aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	86.6kDa
Protein Length	Full Length of Mature Protein
Image	



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

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, 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.