

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

Catalog No: #AP70666

Package Size: #AP70666-1 20ug #AP70666-2 100ug #AP70666-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Vitamin K-dependent protein S(PRO S1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:42-676aaSequence Info:Full Length
Accession No.	P07225
Calculated MW	86.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	ANSLLEETKQGNLERECIEELCNKEEAREVFENDPETDYFYPKYLVLCLRSFQTGLFTAARQSTNAYPDLRSCV NAIPDQCSPLPCNEDGYMSCKDGKASFTCTCKPGWQGEKCEFDINECKDPSNINGGCSQICDNTPGSYHCS CKNGFVMLSNKKDKCDVDECSLKPSICGTAVCKNIPGDFECECEGYRYNLKSKSCEDIDECSENMCQAQLCV NYPGGYTCYCDGKKGFKLAQDQKSCEVSVCLPLNLDTKYELLYLAEQFAGVVLYLKFRLEISRFSAEFDFR TYDSEGVILYAESIDHSAWLLIALRGGKIEVQLKNEHTSKITTGGDVINNGLWNMVSVEELEHSISIKIAKEAVMDI NKPGLFPKENGLETKVYFAGFPRKVESELIKPINRLDGCIRSWNLKQGASGIKEIQEKQNKHCLVTVEKG SYYPGSGIAQFHIDYNNVSSAEGWHVNVTLNIRPSTGTGVMALVSGNNTVPFAVSLVDSTSEKSDILLSVEN TVIYRIQALSLCSDQQSHLEFRVNRNNLELSTPLKIETISHEDLQRQLAVLDKAMKAKVATYLGGLPDVPFSATP VNAFYNGCMEVNINGVQLDLDEAISKHNDIRAHSCPSVWKKTKNS
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Human protein S cDNA encodes Phe-16 and Tyr 222 in consensus sequences for the post-translational processing.Ploos van Amstel H.K., van der Zanden A.L., Reitsma P.H., Bertina R.M.FEBS Lett. 222:186-190(1987)Research Topic:Cardiovascular

Note: This product is for in vitro research use only and is not intended for use in humans or animals.