

Recombinant Rat Vitamin K-dependent protein S(Pros1)

Catalog No: #AP70667

Package Size: #AP70667-1 20ug #AP70667-2 100ug #AP70667-3 1mg

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Description

Product Name	Recombinant Rat Vitamin K-dependent protein S(Pros1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:42-675aaSequence Info:Full Length
Accession No.	P53813
Calculated MW	96.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	ANTLLEETKKGNLERECIEELCNKEEAREVFENNPEYDYFYPKYLGLGAFRVGAFSAARQSANAYPDLRSCV NAIPDQCDDPMPCNEDGYLSCKDGQGAFTCICKPGWQGDCKQFDINECKDPSNINGGCSQTCDNTPGSYHCS CKIGFAMLTNNKDKDVDECSLKPSVCGTAVCKNIPGDFECECPNGYRYDPSSKSKDKVDECSSENTCAQLCV NYPGGYSCYCDGKKGFKLAQDQRSCEGIPVCLSLDLKDYELLYLAEQFAGVVLYLKFRLPDITRFAEFDFR TYDSEGIILYAESLDHSNWLIALREGKIEVQFKNEFSTQITGGNVINNGIWNMVSVEELDDSVSIIKIAKEAVMNI NKLGSFLKPTDGFLDTKIYFAGLPRKVESALIKPINRLDGCIRGWNLMKQALGALAKEIVEGKQNKHCFLTVEK GSYYPGSGIAQFSIDYNNVTNAEGWQINVTNLNIRPSTGTGVMALVSGDTPFALSLVDSGSGTSQDILVFVEN SVAHLEAITLCSEQPSQLKCNINRNGLELWTPVRKDVISKDLQRQLAILDKTMKGTATYLGGVDPDISFSATP VNAFYSGCMEVNINGVQLDLDEAISKHNDIRAHSCPSVRKIQKNF
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

Molecular cloning and functional characterization of rat plasma protein S.Yasuda F., Hayashi T., Tanitame K., Nishioka J., Suzuki K.J. Biochem. 117:374-383(1995)Research Topic:Others

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