

Recombinant human Tissue factor pathway inhibitor

Catalog No: #AP71966



Package Size: #AP71966-1 20ug #AP71966-2 100ug #AP71966-3 1mg

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Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Tissue factor pathway inhibitor
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:29-280aaSequence Info:Partial
Other Names	Extrinsic pathway inhibitor ;EPI;Lipoprotein-associated coagulation inhibitor ;LACI
Accession No.	P10646
Uniprot	P10646
GeneID	7035;
Calculated MW	55.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	DSEEDEEHTIITDELPLPLKLMHSFCFAKADDGPKAIMKRFFFNIFTRQCEEFIYGGCEGNQNRFSLEECKK MCTRDNANRIIKTTLQKEKPDFCFLEEDPGICRGYITRYFYNNQTKQCERFKYGGCLGNMNNFETLEECKNIC EDGPNGFQVDNYGTQLNAVNNSLTPQSTKVPSLFEFHGPSWCLTPADRGLCRANENRFYNSVIGKCRPFKY SGCGGNENNFTSKQECLRACKKGFQIRISKGGL
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

Inhibits factor X (X(a)) directly and, in a Xa-dependent way, inhibits VIIa,tissue factor activity, presumably by forming a quaternary Xa,LACI,VIIa,TF complex. It possesses an antithrombotic action and also the ability to associate with lipoproteins in plasma.

References

Chang J.-Y., Monroe D.M., Roberts H.R.SeattleSNPs variation discovery resourceGeneration and annotation of the DNA sequences of human chromosomes 2 and 4.Hillier L.W., Graves T.A., Fulton R.S., Fulton L.A., Pepin K.H., Minx P., Wagner-McPherson C., Layman D., Wylie K., Sekhon M., Becker M.C., Fewell G.A., Delehaunty K.D., Miner T.L., Nash W.E., Kremitzki C., Oddy L., Du H., Sun H., Bradshaw-Cordum H., Ali J., Carter J., Cordes M., Harris A., Isak A., van Brunt A., Nguyen C., Du F., Courtney L., Kalicki J., Ozersky P., Abbott S., Armstrong J., Belter E.A., Caruso L., Cedroni M., Cotton M., Davidson T., Desai A., Elliott G., Erb T., Fronick C., Gaige T., Haakenson W., Haglund K., Holmes A., Harkins R., Kim K., Kruchowski S.S., Strong C.M., Grewal N., Goyea E., Hou S., Levy A., Martinka S., Mead K., McLellan M.D., Meyer R., Randall-Maher J., Tomlinson C., Dauphin-Kohlberg S., Kozlowicz-Reilly A., Shah N., Swearingen-Shahid S., Snider J., Strong J.T., Thompson J., Yoakum M., Leonard S., Pearman C., Trani L., Radionenko M., Waligorski J.E., Wang C., Rock S.M., Tin-Wollam A.-M., Maupin R., Latreille P., Wendl M.C., Yang S.-P., Pohl C., Wallis J.W., Spieth J., Bieri T.A., Berkowicz N., Nelson J.O., Osborne J., Ding L., Meyer R., Sabo A., Shotland Y., Sinha P., Wohldmann P.E., Cook L.L., Hickenbotham M.T., Eldred J., Williams D., Jones T.A., She X., Ciccarelli F.D., Izaurralde E., Taylor J., Schmutz J., Myers R.M., Cox D.R.,

Note: This product is for in vitro research use only