

Recombinant Human Glia-derived nexin(SERPINE2)

Catalog No: #AP70766

Package Size: #AP70766-1 20ug #AP70766-2 100ug #AP70766-3 1mg

Description

Product Name	Recombinant Human Glia-derived nexin(SERPINE2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:20-398aaSequence Info:Full Length
Other Names	Peptidase inhibitor 7 Short name: PI-7 Protease nexin 1 Short name: PN-1 Protease nexin I Serpin E2
Accession No.	P07093
Calculated MW	57.9 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SHFNPLSLEELGSNTGIQVFNQIVKSRPHDNIVISPHGIASVLGMLQLGADGRTKKQLAMVMRYGVNGVGKILK KINKAIVSKKNKDIVTVANAVFVKNASEIEVPFVTRNKDVFQCEVRNVNFEFDPASACDSINAWVKNETRDMIDNL LSPDLIDGVLTRLVLVNAVYFKGLWKSRLFQENTKKRTFVAADGKSYQVPMLAQLSVFRCGSTSAPNDLWYN FIELPYHGESISMLIALPTESSTPLSAIIPHISTKTIDSWMSIMVPKRQVILPKFTAVAQTDLKEPLKVLGITDMFD SSKANFAKITTGSENLHVSHILQKAKIEVSEDGTKASAATTAILARSSPPWFIVDRPFLFFIRHNPTGAVLFMGQI NKP
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

Serine protease inhibitor with activity toward thrombin, trypsin, and urokinase. Promotes neurite extension by inhibiting thrombin. Binds heparin.

References

"The consensus coding sequences of human breast and colorectal cancers."Sjoebloom T., Jones S., Wood L.D., Parsons D.W., Lin J., Barber T.D., Mandelker D., Leary R.J., Ptak J., Silliman N., Szabo S., Buckhaults P., Farrell C., Meeh P., Markowitz S.D., Willis J., Dawson D., Willson J.K.V. Velculescu V.E.Science 314:268-274(2006)Research Topic:Cardiovascular

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