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32-6912: SERPINE2 Mouse

Alternative Name : Serpnie2, B230326M24Rik, PAI-1, PI-7, PI7, PN-1, Spi4, Glia-derived nexin, GDN,Peptidase inhibitor 7, Protease nexin 1, Protease nexin I, Serine protease-inhibitor 4, Serpin E2.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Plasminogen Activator Inhibitor-2 (Serpine2) which inhibits thrombin, plasmin and plasminogen activators is a part of the Serpin superfamily of the serine protease inhibitors. Serpine2 is able to transform human embryonic kidney cells into neuron-like cells. Furthermore, Serpine2's over expression in mice leads to progressive neuronal and motor dysfunction.
SERPINE2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 386 amino acids (20-397a.a.) and having a molecular mass of 42.9kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). SERPINE2 is expressed with a 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	SERPINE2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	SQFNSLSLEE LGSNTGIQVF NQIIKSRPHE NVVVSPHGIA SILGMLQLGA DGKTKKQLST VMRYNVNGVG KVLKKINKAI VSKKNKDIVT VANAVFLRNG FKMEVPFAVR NKDVFQCEVQ NVNFQDPASA SESINFWVKN ETRGMIDNLL SPNLIDGALT RLVLVNAVYF KGLWKSRFQP ESTKKRTFVA GDGKSYQVPM LAQLSVFRSG STRTPNGLWY NFIELPYHGE SISMLIALPT ESSTPLSAII PHITTKTIDS WMNTMVPKRM QLVLPKFTAV AQTDLKEPLK ALGITEMFEP SKANFTKITR SESLHVSHIL QKAKIEVSED GTKASAATTA ILIARSSPPW FIVDRPFLFS IRHNPTGAIL FLGQVNKPLE HHHHHH.