

Datasheet for ABIN5854648
SERPINE2 Protein (AA 20-397) (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	SERPINE2
Protein Characteristics:	AA 20-397
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINE2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	SQFNLSLEE LGSNTGIQVF NQIKSRPHE NVVVSPHGIA SILGMLQLGA DGKTKKQLST VMRYNVNGVG KVLKKINKAI VSKKNKDIVT VANAFLRNG FKMEVPFAVR NKDFVQCEVQ NVNFQDPASA SESINFVWKN ETRGMIDNLL SPNLIDGALT RLVLVNAVYF KGLWKSRLFQ ESTKKRTFVA GDGKSYQVPM LAQLSVFRSG STRTPNGLWY NFIELPYHGE SISMLIALPT ESSTPLSAII PHITTKTIDS WMNTMVPKRM QLVLPKFTAV AQTDLKEPLK ALGITEMFEP SKANFTKITR SESLHVSHIL QKAKIEVSED GTKASAATTA ILIARSSPPW FIVDRPFLFS IRHNPTGAIL FLGQVKNKPLE HHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

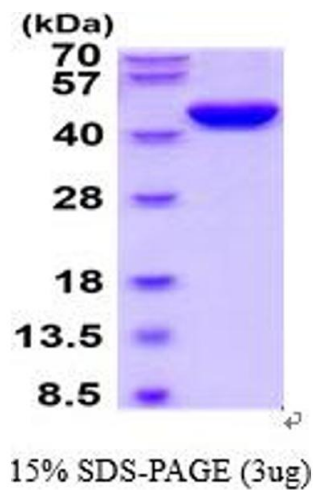
Target:	SERPINE2
Alternative Name:	Serpine2 (SERPINE2 Products)
Background:	Serpine2, as known as glia-derived nexin, is a member of the Serpin superfamily of the serine protease inhibitors. This protein is a potent inhibitor of thrombin, plasmin and plasminogen activators. It is differentially expressed during neuronal differentiation and is able to transform human embryonic kidney cells into neuron-like cells. Also, it is over expression in mice leads to progressive neuronal and motor dysfunction in these animals. Recombinant mouse Serpine2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques
Molecular Weight:	42.9kDa (386aa) 40-57kDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_033281
UniProt:	Q07235

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.