

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Serpina9, 26-418aa, Mouse, His-tag, Baculovirus

产品货号: TP03897

第三版

别名: Serpin A9, Serpin A9, 2310014L03Rik, AW049635, Centerin

描述: Serpina9, also known as serpin A9, is a member of the Serpin superfamily of serine protease inhibitors. Serpins are the most broadly distributed superfamily of protease inhibitors that use a conformational change to inhibit target enzymes. They are known to inhibit serine proteases and some are known to inhibit caspases and papain-like cysteine proteases. Serpins are conformational labile and many of the disease-linked mutations of serpins result in misfolding or in pathogenic, inactive polymers. This protein shows inhibition towards trypsin, thrombin, and plasmin and binds DNA and heparin. Recombinant mouse Serpina9, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 45.2kDa (401aa), 50-70KDa (SDS-PAGE under reducing conditions.)

序列:

NPYNQESSHLPSMKKNPASQVSPSNTRFSFLYQRLAQENPGQNILFSPVSISSLAMLSLGARSATKTQILRTLGFNFTWVSE
PTIHMGEYLVRLSLNKCHQGRELRMGSVLFIRKELQLQATFLDRVKKLYGAKVFSEDFSNAAATAQAQINSYVEKETKGKV
VDVIQDLDSQTAMVLVNHIFFKANWTQPFSTANTNKSFPFLSKGTTVHVPMMHQTESFAFGVDKELGCSILQMDYRGD
AVAFFVLPGKGMQRQLEKLSARRLRKWSRSLQKRWIKVFIPKFSISASYNLETILPKMGIRDAFNSNADFGITKTHFLQVS
KAAHKAVLDVSEEGTEAAAATTTKLIVRSRDTSPSSIIAFKEPFLILLDDKNTESVLFLGKVENPRKMLEHHHHHH

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.