

## 32-7954: Recombinant Mouse Plasminogen Activator Inhibitor 1/PAI-1/SERPIN E1 (C-6His)(Discontinued)

**Gene :** Serpine1

**Uniprot ID :** P22777

### Description

Source: Human Cells.

MW :43.7kD.

Recombinant Mouse Serpin E1/PAI-1 is produced by our Mammalian expression system and the target gene encoding Leu24-Ser402 is expressed with a 6His tag at the C-terminus. Plasminogen activator inhibitor-1 (serpin E1) is a serine protease inhibitor which belongs to the serpin family. Serpin E1 acts as 'bait' for tissue plasminogen activator, urokinase, protein C and matriptase-3/TMPRSS7. Its rapid interaction with PLAT may function as a major control point in the regulation of fibrinolysis.

### Product Info

**Amount :** 6His) / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** LPLRESHTAHQATDFGVKVFQVQVQASKDRNVVFSYGVSSVLAMLQMTTAGKTRRQIQDAMGFKVNEKGTA  
HALRQLSKELMGPWNKNEISTADAIQVQRDLELVQGFMPHFFKLFQTMVKQVDFSEVERARFIINDWVERHTK  
GMISDLLAKGAVDELTRLVLVNALYFSGQWKTPFLEASTHQRLFHKS DGSTVSPMMAQSNKFNYTEFTTPDG  
LEYDVVELPYQGD TLSMFIAAPFEKDVHLSALTNILDAELIRQWKGNMTRLPRLILPKFSLETEVDLRGPLEKLG  
MPDMFSATLADFTSLSDQEQLSVAQALQKVRIEVNESGTVASSSTAFVISARMAPTEMVIDRSFLFVVRHNPT  
TILFMGQVMEPVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.