

Recombinant Mouse SERPINE1 Protein

Catalog #	Source	Reactivity	Applications
CRP2286	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse SERPINE1 Protein is produced by our mammalian expression system and the target gene encoding Leu24-Ser402 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	SERPINE1		
Alternative Names	PAI1; PLANH1; Plasminogen activator inhibitor 1; PAI; PAI-1; Endothelial plasminogen activator inhibitor; Serpin E1		
Entrez Gene	18787 (Mouse)		
SwissProt	P22777 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>LPLRESHTAH QATDFGVKVF QQVVQASKDR NVVFSPIYGVSVLAMLQMTT AGKTRRQIQD AMGFKVNEKG TAHALRQLSK ELMGPWNKNE ISTADAIFVQ RDLELVQGFMPHFFKLFQTM VKQVDFSEVE RARFIINDWV ERHTKGMISD LLAGAVDEL TRLVLVNALY FSGQWKTPFL EASTHQRLFH KSDGSTVSVP MMAQSNKFNY TEFTTPDGLY YDVVELPYQG DTLSMFIAAP FEKDVHLSAL TNILDAELIR QWKGNMTRLP RLLILPKFSL ETEVDLRGPL EKLGMPPDMFS ATLADFTSLS DQEQLSVAQA LQKVRIEVNE SGTVASSSTA FVISARMAPT EMVIDRSFLF VVRHNPTEI LFMGQVMEPV DHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	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 1X PBS. Please aliquot the reconstituted solution to minimize		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com