

Recombinant Human SERPINE1 Protein

Catalog #	Source	Reactivity	Applications
CRP2285	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SERPINE1 Protein is produced by our Mammalian expression system and the target gene encoding Val24-Pro402 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM HAc-NaAc, 150mM NaCl, pH 4.0		
Gene Symbol	SERPINE1		
Alternative Names	PAI1; PLANH1; Plasminogen activator inhibitor 1; PAI; PAI-1; Endothelial plasminogen activator inhibitor; Serpin E1		
Entrez Gene	5054 (Human)		
SwissProt	P05121 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>VHHPPSYVAH LASDFGVRVF QQVAQASKDR NVVFSPYGVA SVLAMLQLTT GGETQQQIQA AMGFKIDDKG MAPALRHLYK ELMGPWNKDE ISTTDAIFVQ RDLKLVQGF M P H F F R L F R S T VKQVDFSEVE RARFIINDWV KTHTKGMISN LLGKGAVDQL TRLVLVNALY FNGQWKTPFP DSSTHRRRLFH KSDGSTVSVP MMAQTNKFNY TEFTTPDGHY YDILELPYHG DTL SM F I A A P YEKEVPLSAL TNILSAQLIS HWKGNMTRLP RLLVLPKFSL ETEVDLRKPL ENLGMTDMFR QFQADFTSLS DQEPLHVAQA LQVKKIEVNE SGTVASSSTA VIVSARMAPE EIIMDRPFLF VVRHNPTGTV LFMGQVMEPL 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

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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.

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