

Recombinant Human SERPINA5 Protein

Catalog #	Source	Reactivity	Applications
CRP2276	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SERPINA5 Protein is produced by our Mammalian expression system and the target gene encoding His20-Pro406 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM MES, 150mM NaCl, pH 5.5		
Gene Symbol	SERPINA5		
Alternative Names	PCI; PLANH3; PROCI; Plasma serine protease inhibitor; Acrosomal serine protease inhibitor; Plasminogen activator inhibitor 3; PAI-3; PAI3; Protein C inhibitor; PCI; Serpin A5		
Entrez Gene	5104 (Human)		
SwissProt	P05154 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	HRHHPREMKK RVEDLHVGAT VAPSSRRDFT FDLYRALASA APSQNIFFSP VSISMSLAML SLGAGSSTKM QILEGLGLNL QKSSEKELHR GFQQLLQELN QPRDGFQLSL GNALFTDLVV DLQDTFVSAM KTLYLADTFP TNFRDSAGAM KQINDYVAKQ TKGKIVDLLK NLDSNAVVIM VNYIFFKAKW ETSFNHKGTTQ EQDFYVTSET VVRVPMMSRE DQYHYLLDRN LSCRVVGVPY QGNATALFIL PSEGKMQQVE NGLSEKTLRK WLKMFKKRQL ELYLPKFSIE GSYQLEKVLV SLGISNVFTS HADLSGISNH SNIQVSEMVH KAVVEVDESG TRAAAATGTI FTFRSARLNS QRLVFNRPFL MFIVDNNILF LGKVNRPVDH HHHHH		
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		
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

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize 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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