

Recombinant Mouse SERPING1 Protein

Catalog #	Source	Reactivity	Applications
CRP2290	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse SERPING1 Protein is produced by our mammalian expression system and the target gene encoding Ala20-Gly504 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Gene Symbol	SERPING1
Alternative Names	C1IN; C1NH; Plasma protease C1 inhibitor; C1 Inh; C1Inh; C1 esterase inhibitor; C1-inhibiting factor; Serpin G1
Entrez Gene	12258 (Mouse)
SwissProt	P97290 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	AFSDPEATSH STQDPLEAQA KSRESFPERD DSWSPPEPTV LPSTWPTTSV AITITNDTMG KVANESFSQH SQPAAQLPTD SPGQPPLNSS SQPSTASDLP TQATTEPFCP EPLAQCSDS RDSSEAKLSE ALTDFSVKLY HAFSATKMAK TNMAFSPFSI ASLLTQVLLG AGDSTKSNLE SILSYPKDFA CVHQALKGFS SKGVTSVSQI FHSPDLAIRD TYVNASQSLY GSSPRVLGPD SAANLELINT WVAENTNHKI RKLLDSLPSD TCLVLLNAVY LSAKWKITFE PKKMMAPFFY KNSMIKVPMM SSVKYPVAQF DDHTLKAKVG QLQLSHNLSF VIVVPVFPKH QLKDVEKALN PTVFKAIMKK LELSKFLPTY LTMPIHKVKS SQDMLSVMEK LEFFDFTYDL NLCGLTEDPD LQVSAMKHET VLELTESGVE AAAASAIISFG RSLPIFEVQR PFLFLLWDQQ HRFVFMGRV YDPRGVDHHH HHH
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
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

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 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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