

Recombinant Mouse Serpin D1 Protein

Catalog #	Source	Reactivity	Applications
CRP3048	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse Serpin D1 Protein is produced by mammalian expression system and the target gene encoding Glu24-Ser478 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of 20mM HEPES, 150mM NaCl, pH7.4.		
Gene Symbol	SERPIND1		
Alternative Names	HCF2; Heparin cofactor 2; Heparin cofactor II; HC-II; Protease inhibitor leuserpin-2; HLS2; Serpin D1		
Entrez Gene	15160 (Mouse)		
SwissProt	P49182 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>EQLTNNLTT SFLPANFHKE NTVTNDWIPE GEEDEDYLDL EKLLGEDDDY IYIIDAVSPT DSESSAGNIL QLFQGKSRIQ RLNILNAKFA FNLYRVLKQD ATTSNDLFIA PVGISTAMGM ISLGLRGETH EEVHSLHFR DFNASSKYE VTTIHNLFK LTHRLFRRNF GYTLRSVNGL YIQKQFPIRE DFKAAMREFY FAEAQEANFP DPAFISKANN HILKLTGLI KEALENIDPA TQMLILNCIY FKGTVWNKFP VEMTHNHNFR LNEREVVKVS MMQTKGNFLA ANDQELDCDI LQLEYVGGIS MLIVVPRKLS GMKTLEAQLT PQVVERWQKS MTNRTREVLL PKFKLEKNYN LVEVLKSMGI TKLFNKNGNM SGISDQRIAI DLFKHQSTIT VNEEGTQAAA VTTVGFMPLS TQVRFTVDRP FLFLVYEHRT SCLLFMGKVT NPAKSVDDHHH HHH</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		
<p>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</p> <p>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</p>			

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Product Data Sheet

lyophilized protein in ddH₂O. 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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