

Recombinant Human Serpin E2 Protein

Catalog #	Source	Reactivity	Applications
CRP2815	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human Serpin E2 Protein is produced by mammalian expression system and the target gene encoding Ser20-Pro397 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH8.0.		
Gene Symbol	SERPINE2		
Alternative Names	PI7; PN1; Glia-derived nexin; GDN; Peptidase inhibitor 7; PI-7; Protease nexin 1; PN-1; Protease nexin I; Serpin E2		
Entrez Gene	5270 (Human)		
SwissProt	P07093 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	SHFNPLSLEE LGSNTGIQVF NQIVKSRPHD NIVISPHGIA SVLGMLQLGA DGRTKKQLAM VMRYGVNGVG KILKKINKAI VSKKNKDIVT VANA VFKNA SEIEVPFVTR NKDVFQCEVR NVNFEDPASA CDSINAWVKN ETRDMIDNLL SPDLIDGVLTLVLVNAVYF KGLWKSFRQP ENTKKRTFVA ADGKSYQVPM LAQLSVFRCG STSAPNDLWY NFIELPYHGE SISMLIALPT ESSTPLSAII PHISTKTIDS WMSIMVPKRV QVILPKFTAV AQTDLKEPLK VLGITDMFDS SKANFAKITR SENLHVSHIL QKAKIEVSED GTKASAATTA ILIARSSPPW FIVDRPFLFF IRHNPTGAVL FMGQINKPHH HHHH		
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. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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