

Recombinant Human SERPINB9 Protein

Catalog #	Source	Reactivity	Applications
CRP2284	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human SERPINB9 Protein is produced by our mammalian expression system and the target gene encoding Met1-Pro376 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol SERPINB9

Alternative Names PI9; Serpin B9; Cytoplasmic antiproteinase 3; CAP-3; CAP3; Peptidase inhibitor 9; PI-9

Entrez Gene 5272 (Human)

SwissProt P50453 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure METLSNASGT FAIRLLKILC QDNPSHNVFC SPVSISSALA MVLLGAKGNT ATQMAQALSL NTEEDIHRAF QSLLTEVNKA GTQYLLRTAN RLFGEKTCQF LSTFKESCLQ FYHAELKELS FIRAAEESRK HINTWVSKKT EGKIEELLPG SSIDAETRLV LVNAIYFKGK WNEPFDETYT REMPFKINQE EQRPVQMMYQ EATFKLAHVG EVRAQLLELP YARKELSLLV LLPDDGVELS TVEKSLTFEK LTAWTKPDCM KSTEVEVLLP KFKLQEDYDM ESVLRHLGIV DAFQQGKADL SAMSAERDLC LSKFVHKSFV EVNEEGTEAA AASSCFVVAE CCMESGPRFC ADHPFLFFIR HNRANSILFC GRFSSPVDHH HHHH

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) 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 μ g/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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

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.

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

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com