

Recombinant Human SERPINB1 Protein

Catalog #	Source	Reactivity	Applications
CRP2279	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SERPINB1 Protein is produced by our mammalian expression system and the target gene encoding Met1-Pro379 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	SERPINB1		
Alternative Names	ELANH2; MNEI; PI2; Leukocyte elastase inhibitor; LEI; Monocyte/neutrophil elastase inhibitor; EI; M/NEI; Peptidase inhibitor 2; PI-2; Serpin B1		
Entrez Gene	1992 (Human)		
SwissProt	P30740 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MEQLSSANTR FALDLFLALS ENNPAGNIFI SPFSISSAMA MVFLGTRGNT AAQLSKTFHF</p> <p>NTVEEVHSRF QSLNADINKR GASYILKLAN RLYGEKTYNF LPEFLVSTQK TYGADLASVD</p> <p>FQHASEDARK TINQWVKGQT EGKIPELLAS GMVDNMTKLV LVNAIYFKGN WKDKFMKEAT</p> <p>TNAPFRLNKK DRKTVKMMYQ KKKFAYGYIE DLKCRVLELP YQGEELSMVI LLPDDIEDES</p> <p>TGLKKIEEQL TLEKLHEWTK PENLDFIEVN VSLPRFKLEE SYTLNSDLAR LGVQDLFNSS</p> <p>KADLSGMSGARDFISKIVH KSFVEVNEEG TEAAAATAGI ATFCMLMPEE NFTADHPFLF</p> <p>FIRHNSSGSI LFLGRFSSPV DHHHHHH</p>		
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