

## Recombinant Human SERPINA10 Protein

Catalog #	Source	Reactivity	Applications
CRP2271	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human SERPINA10 Protein is produced by our Mammalian expression system and the target gene encoding Leu22-Leu444 is expressed with a 6His tag at the C-terminus.

**Form** Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 1mM GaCl<sub>2</sub>, pH 7.4.

**Gene Symbol** SERPINA10

**Alternative Names** ZPI; Protein Z-dependent protease inhibitor; PZ-dependent protease inhibitor; PZI; Serpin A10

**Entrez Gene** 51156 (Human)

**SwissProt** Q9UK55 (Human)

**Purity** Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

**Chemical Structure** LAPSPQSPET PAPQNQTSRV VQAPKEEEED EQEASEEKAS EEEKAWLMAS RQQLAKETSN  
 FGFSLLRKIS MRHDGNMVFS PFGMSLAMTG LMLGATGPT TQIKRGLHLQ ALKPTKPGLL  
 PSLFKGLRET LSRNLELGLT QGSFAFIHKD FDVKETFFNL SKRYFDTECV PMNFRNASQA  
 KRLMNHYINK ETRGKIPKLF DEINPETKLI LVDYILFKGK WLTPFDPVFT EVDTFHLDKY  
 KTIKVPMMYG AGKFASTFDK NFRCHVLKLP YQGNATMLVV LMEKMGDHLA LEDYLTDDL  
 ETWLRNMKTR NMEVFFPKFK LDQKYEMHEL LRQMGIRRI SPFADSELS ATGRNLQVSR  
 VLQRTVIEVD ERGTEAVAGI LSEITAYSMP PVIKVDPRPFH FMIYEETSGM LLFLGRVVNP  
 TLLLDHHHHH H

**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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