

Recombinant Human SERPINB12 Protein

Catalog #	Source	Reactivity	Applications
CRP2280	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human SERPINB12 Protein is produced by our mammalian expression system and the target gene encoding Met1-Pro425 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 SERPINB12

Alternative Names Serpin B12

Entrez Gene 89777 (Human)

SwissProt Q3SYB4 (Human)

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

Chemical Structure MDSLVTANTK FCFDLFQEIG KDDRHKNIFF SPLSLSAALG MVRLGARSDDS AHQIDEVLHF NEFSQNESKE PDPCLKSNKQ KVLADSSLEG QKKTTEPLDQ QAGSLNNEGS LVSCYFGQLL SKLDRIKTDY TLSIANRLYG EQEFPICQEY LDGVIQFYHT TIESVDFQKN PEKSRQEINF WVECQSQGKI KELFSKDAIN AETVLVLVNA VYFKAKWETY FDHENTVDAP FCLNANENKS VKMMTQKGLY RIGFIEEVKA QILEMRYTKG KLSMFVLLPS HSKDNLKGLE ELERKITYEK MVAWSSSENM SEESVLSFP RFTLEDSYDL NSILQDMGIT DIFDETRADL TGISPSPNLY LSKIIHKTFV EVDENGTQAA AATGAVVSER SLRSWVEFNA NHPFLFFIRH NKTQTILFYG RVCSPVDHHH HHH

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

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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.

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