

Recombinant Mouse SERPINA1C Protein

Catalog #	Source	Reactivity	Applications
CRP2273	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description Recombinant Mouse SERPINA1C Protein is produced by our mammalian expression system and the target gene encoding Glu25-Lys413 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μ M filtered solution of PBS, pH 7.4.

Gene Symbol SERPINA1C

Alternative Names Dom3; Dom6; Spi1-3; Spi1-6; Alpha-1-antitrypsin 1-3; Alpha-1 protease inhibitor 3; Alpha-1 protease inhibitor 6; Alpha-1-antitrypsin 1-6; Serine protease inhibitor 1-3; Serine protease inhibitor 1-6; Serine protease inhibitor A1c; Serpin A1c

Entrez Gene 20702 (Mouse)

SwissProt Q00896 (Mouse)

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

Chemical Structure EDVQETDTSQ KDQSPASHEI ATNLGDF AIS LYRELVH QSN TSNIFFSPVS IATAFAMLSL
GSKGDHTHTQI LEGLQFNLTQ TSEADIIKSF QHLLQTLNRP DSELQLSTGN GLFVNNDLKL
VEKFLEEAKN HYQAEVFSVN FAESEEA KKV INDFVEKGTQ GKIAEAVKKL DQDTV FALAN
YILFKGKWKK PFDPEN TEEA EFHVDESTTV KVPMM T LSGM LDVHH CSTLS SWVLLMDYAG
NATAV FLLPD DGKMQHLEQT LSKELISKFL LNRRRRLAQI HFPRLSISGE YNLKTLMSPL
GITRIFNNGA DLSGITEENA PLKLSQAVHK AVLTIDETGT EAAAVTVLQM VPMSMPPILR
FDHPFLFIIF EEHTQSPIFV GKVVDPTHKV DHHHHHH

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

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

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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