

Recombinant Human SERPINI2 Protein

Catalog #	Source	Reactivity	Applications
CRP2292	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human SERPINI2 Protein is produced by our mammalian expression system and the target gene encoding Ser19-Leu405 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 SERPINI2

Alternative Names MEPI; PI14; Serpin I2; Myoepithelium-derived serine protease inhibitor; Pancpin; Pancreas-specific protein TSA2004; Peptidase inhibitor 14; PI-14

Entrez Gene 5276 (Human)

SwissProt O75830 (Human)

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

Chemical Structure SRCSAQKNT E FAVDLYQEVS LSHKDNIIFS PLGITLVLEM VQLGAKGKAQ QQIRQTLKQQ
 ETSAGEEFFV LKSFSAISE KKQEFTFNLA NALYLQEGFT VKEQYLHGK EFFQSAIKLV
 DFQDAKACAE MISTWVERKT DGKIKDMFSG EEFGLPLRLV LVNAIYFKGD WKQKFRKEDT
 QLINFTKKNG STVKIPMMKA LLRTKYGYS ESSLNYQVLE LSYKGDEFSL IILPAEGMD
 IEEVEKLITA QQILKWLSEM QEEVEISLP RFKVEQKVDV KDVLYSLNIT EIFSGGCDLS
 GITDSSEVYV SQVTQKVFFE INEDGSEAAT STGIHIPVIM SLAQSQFIAN HPFLFIMKHN
 PTESILFMGR VTNPDTQEIK GRDLDSLVDH HHHHH

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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