

## Recombinant Mouse Alpha-2-antiplasmin Protein

Catalog #	Source	Reactivity	Applications
CRP2848	Human cells	Mouse	E, WB, SDS-PAGE, MS

**Description** Recombinant Mouse Alpha-2-antiplasmin Protein is produced by mammalian expression system and the target gene encoding Val28-Lys491 is expressed with a Fc tag at the C-terminus.

**Form** Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 20% Glycerol, pH8.0.

**Gene Symbol** SERPINF2

**Alternative Names** AAP; PLI; Alpha-2-antiplasmin; Alpha-2-AP; Alpha-2-plasmin inhibitor; Alpha-2-PI; Serpin F2

**Entrez Gene** 18816 (Mouse)

**SwissProt** Q61247 (Mouse)

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

**Chemical Structure** VDLPGQQPVS EQAQQKLPLP ALFKLDNQDF GDHATLKRSP GHCKSVPTAE ETRRLAQAMM AFTTDLFSLV AQTSTSSNLV LSPLSVALAL SHLALGAQNN TLHSLHRVLH MNTGSCPLHL LSHFYQNLGP GTIRLAARIY LQKGFPIKDD FLEQSERLFG AKPVKLTGKQ EEDLANINQW VKEATEGKIE DFLSELPDST VLLLLNIAHF HGFWRTKFDP SLTQKDFHHL DERFTVSVDMMH AVSYPLRW FLLEQPEIQV AHFPFKNNMS FVVVMPTYPE WNVSEVLANL TWDTLYHPSL QERPTKVWLP KLHLQQQLDL VATLSQLGLQ ELFQGPDLRG ISEQNLVSS VQHQSTMELS EAGVEAAAAT SVAMNRM SLS SFTVNRPF LF FIMEDTIGVP LFGVSVRNPN PSALPQLQEQ RDSPDNRLIG QNDKADF HGG KTFGPDLKLA PRMEEDYPQF SSPKVDDIEG RMDEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ

**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

PREPQVYTLP PSREEMTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG

SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSL S LSPGK

**Quality Control**

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Directions for Use**

Please minimize freeze-thaw cycles.

**Storage/Stability**

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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