

Product Data Sheet

Recombinant Mouse Alpha-2-antiplasmin Protein

Catalog #	Source	Reactivity	Applications
CRP2848	Human cells	M	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 MNTGSCPLPHL LSHFYQNLGP GTIRLAARIY LQKGFPIKDD FLEQSERLFG AKPVKLTGKQ EEDLANINQW VKEATEGKIE DFLSELPDST VLLLLNIAHF HGFWRTKFDP SLTQKDDFFHL DERFTVSVD MHAHSVYPLRW FLLEQPEIQV AHFPFKNNMS FVVVMPTYPE WNVSEVLANL TWDTRYHPSL QERPTKVWLP KLHLQQQLDL VATLSQLGLQ ELFGGPDRLG ISEQNLVVSS VQHQSTMELS EAGVEAAAAT SVAMNRMSSLS SFTVNRPFLL FIMEDTIGVP LFVGSVRNPN PSALPQLQEQ RDSPDNRLIG QNDKADFHGG KTFGPDLKLA PRMEEDYPQF SSPKVDDIEG RMDEPKSCDK THTCPKCAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVTLVLHQD WLNGKEYKCK		

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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VSNKALPAPI EKTISKAKGQ PREPQVYTLP PSREEMTKNQ VSLTCLVKGF YPSDIAVEWE
SNGQPENNYK TTPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSL
LSPGK

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 recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to 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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