

Recombinant Mouse Serpin A1a Protein

Catalog #	Source	Reactivity	Applications
CRP3046	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse Serpin A1a Protein is produced by mammalian expression system and the target gene encoding Glu25-Lys413 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH8.0.		
Gene Symbol	SERPINA1A		
Alternative Names	Alpha-1-antitrypsin 1-1; AAT; Alpha-1 protease inhibitor 1; Alpha-1-antiproteinase; Serine protease inhibitor 1-1; Serine protease inhibitor A1a; Serpin A1a; Serpina1a; Dom1; Spi1-1		
Entrez Gene	20700 (Mouse)		
SwissProt	P07758 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	EDVQETDTSQ K DQSPASHEI ATNLGDF AIS LYREL VHQSN TSNIFFSPVS IATAFAMLSL GSKGDTHTQI LEGLQFNLTQ TSEADIHNSF QHLLQTLNRP DSELQLSTGN GLFVNNDLKL VEKFLEEAKN HYQAEVFSVN FAESEEA KKV INDFVEKGTQ GKIVEAVKKL EQDTV FVLAN YILFKGKWKK PFD PENTKQA EFHVDESTTV KVPMMT LSGM LDVHH CSTLS SWVLLMDYAG NATAV FLLPD DGKMQHLEQT LNKELISKFL LNRRRR LAQI HIPRLSISGN YNLET LMSPL GITRIFNSGA DLSGITEENA PLKLSQAVHK AVLTIDETGT EAAAATV LQG GFLSMPPILH FNRPF LFIIF EEHSQSPLFV GKVVDPTHKV DHHHHHH		
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		
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

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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