

Recombinant Mouse Serpin A3N Protein

Catalog #	Source	Reactivity	Applications
CRP3047	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse Serpin A3N Protein is produced by mammalian expression system and the target gene encoding Phe21-Lys418 is expressed with a 6His at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH8.0.		
Gene Symbol	SERPINA3N		
Alternative Names	Serine protease inhibitor A3N; Serpin A3N; Serpina3n; Spi2		
Entrez Gene	20716 (Mouse)		
SwissProt	Q91WP6 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	FPDGTLGMDA AVQEDHDNGT QLDSLTLASI NTDFAFSLYK ELVLKNPDKN IVFSPLSISA ALAVMSLGAK GNTLEEILEG LKFNLTTETSE ADIHQGFGLH LQRLNQPKDQ VQISTGSALF IEKRQQILTE FQEKAKTLYQ AEAFTADFQQ PRQAKKLIND YVRKQTQGM I KELVSDLDKR TLMVLVNYIY FKAKWKVPFD PLDTFKSEFY AGKRRPVIVP MMSMEDLTTP YFRDEELSCT VVELKYTGNA SALFILPDQG RMQQVEASLQ PETLRKWKNS LKPRMIDELH LPKFSISTDY SLEDVLSKLG IREVFSTQAD LSAITGTKDL RVSQVVHKAV LDVAETGTEA AAATGVKQVFP MSAKLYPLTV YFNRPFLIMI FDTETEIAPI IAKIANPKHH HHHH		
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.		

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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