

Recombinant Human SERPINA6 Protein

Catalog #	Source	Reactivity	Applications
CRP2277	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SERPINA6 Protein is produced by our Mammalian expression system and the target gene encoding Met23-Val405 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	SERPINA6		
Alternative Names	CBG; Corticosteroid-binding globulin; CBG; Serpin A6; Transcortin		
Entrez Gene	866 (Human)		
SwissProt	P08185 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MDPNAAVNM SNHHRGLASA NVDFAFSLYK HLVALSPKKN IFISPVISM ALAMLSLGTC GHTRAQLLQG LGFNLTERSE TEIHQGFQHL HQLFAKSDTS LEMTMGNALF LDGSLELLES FSADIKHYE SEVLAMNFQD WATASRQINS YVKNKTQGKI VDLFSGLDSP AILVLVNYIF FKGTWTQPFD LASTREENFY VDETTVVKVP MMLQSSTISY LHDAELPCQL VQMNYVGNGT VFFILPDKGK MNTVIAALSR DTINRWSAGL TSSQVDLYIP KVTISGVYDL GDVLEEMGIA DLFTNQANFS RITQDAQLKS SKVVHKAVLQ LNEEGVDTAG STGVTLNLTS KPIILRFNQP FIIMIFDHFT WSSLFLARVM NPVLDHHHHH H		
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. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize 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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Product Data Sheet

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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