

Recombinant Human SERPINA6

Cat. No. SERPINA6-26357TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length mature Human Cortisol Binding Globulin with N terminal proprietary tag; Predicted MW 68.24 kDa
Species	Human
Source	Wheat Germ
ProteinLength	383 amino acids
Description	This gene encodes an alpha-globulin protein with corticosteroid-binding properties. This is the major transport protein for glucocorticoids and progestins in the blood of most vertebrates. The gene localizes to a chromosomal region containing several closely related serine protease inhibitors which may have evolved by duplication events.
Molecular Weight	68.240kDa inclusive of tags
Tissue specificity	Plasma; synthesized in liver. Has also been identified in a number of glycocorticoid responsive cells.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MDPNAAYVNMSNHHRGLASANVDFAFSLYKHLVALSPKKN IFISPVSISMALAMLSL GTCGHTRAQLLQGLGFNLTERSE TEIHQGFQHLHQLFAKSDTSLEMTMGNALFLDG SLELLES FSADIKHYESEVLAMNFQDWATASRQINSYVKNKTQGKI VDLFSGLDSP AILVLVNYIFFKGTWTQPFDLASTREENFY VDETTVVKVPMMMLQSSTISYLHDAELPC QLVQMNYVGNGT VFFILPDKGKMNTVIAALSRDTINRWSAGLTSSQVDLYIP KVTIS GVYDLGDEVLEEMGIADLFTNQANFSRITQDAQLKS SKVVHKAVLQLNEEGVDTAGS TGVTLNLTSPKPIILRFNQP FIIMIFDHFTWSSSLFLARVMNPV
Sequence Similarities	Belongs to the serpin family.
GENE INFORMATION	
Gene Name	SERPINA6 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6 [Homo sapiens]
Official Symbol	SERPINA6
Synonyms	SERPINA6; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6; CBG, serine (or cysteine) proteinase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 6; corticosteroid-binding globulin; corticosteroid bindin
Gene ID	866
mRNA Refseq	NM_001756
Protein Refseq	NP_001747

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MIM	122500
Uniprot ID	P08185
Chromosome Location	14q31-q32.1
Function	serine-type endopeptidase inhibitor activity; steroid binding;

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