

## Serpin Peptidase Inhibitor, Clade A Member 6 Mouse Recombinant

<b>Item Number</b>	rAP-4768
<b>Synonyms</b>	Corticosteroid-binding globulin, CBG, Serpin A6, Transcortin, Serpina6.
<b>Description</b>	SERPINA6 Mouse Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Val23-Ala397) containing a total of 384 amino acids, having a calculated molecular mass of 43.5kDa and fused to a 9 aa His tag at C-Terminus.
<b>Uniprot Accession Number</b>	Q06770
<b>Amino Acid Sequence</b>	VTDEDSSSHR DLAPTNVDFA FNLYKRLVAL NSDKNTLISP VSISMALAML SLSTRGSTQY LENLGFNMSK MSEAEIHQGF QYLNSLLQQS DTGLEMMNGN VMFLLQNLKL KDSFLADTKH YYEAL TIP SKDWT KAGEQ INNHVKNKTQ GKIEHV VSDL DSSATLILIN YIFLKG IWK L PFSPENTREE DFYVNETSTV KVPMMVQSGN ISYFRDSAIP CQMVQMNYVG NGTTFIILPD QGQMDTVVAA LNRD- TIDRWG KLMIPRQMNL YIPKFSMSDT YDLQDVLADV GIKDLFTNQS DFADTTKDTP LTLTVLHKAM LQLDEGNVLP AATNGPPVHL PSESFTLKYN RPFIFLAFDK YTWSSLMMSQ VMNPA HHHHH HHHH.
<b>Source</b>	HEK 293.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	SERPINA6 was filtered (0.4µm) and lyophilized in phosphate buffered saline pH8.0. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. SERPINA6 is not sterile! Please filter the product by an appropriate sterile filter before using it
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**