



# Recombinant Human Corticosteroid-binding globulin (SERPINA6)

<b>Product Code</b>	CSB-EP021062HU-B
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P08185
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MDPNAAYVNMSNHHRGLASANVDFAFSLYKHLVALSPKKNIFISPVSISMALAM LSLGTTCGHTRAQLLQGLGFNLTERSETEIHQGFQHLHQLFAKSDTSLEMTMGN ALFLDGSLELLESFSADIKHYESEVLAMNFQDWATASRQINSYVKNKTQGKIV DLFSGLDSPAILLVNYIFFKGTWTQPFDLASTREENFYVDETTVVKVPMMMLQS STISYLHDAELPCQLVQMNYVGNVTFFILPDKGKMNTVIAALSRTINRWSAG LTSSQVDLYIPKVTISGVYDLGDVLEEMGIADLFTNQANFSRITQDAQLKSSKVV HKAVLQLNEEGVDTAGSTGVTLNLTSPKPIILRFNQPFIMIFDHFTWSSLFLARV MNPV
<b>Research Area</b>	Transport
<b>Source</b>	E.coli
<b>Target Names</b>	SERPINA6
<b>Protein Names</b>	Recommended name: Corticosteroid-binding globulin Short name= CBG Alternative name(s): Serpin A6 Transcortin
<b>Expression Region</b>	23-405aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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