



# Recombinant Human Corticosteroid-binding globulin (SERPINA6)

<b>Product Code</b>	CSB-MP021062HU
<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 DLFSGLDSPAILLVNYIFFKGTWTQPFDLASTREENFYVDETTVVKVPMMLQS STISYLHDAELPCQLVQMNYVGNVTFFILPDKGKMNTVIAALSRTINRWSAG LTSSQVDLYIPKVTISGVYDLGDVLEEMGIADLFTNQANFSRITQDAQLKSSKVV HKAVLQLNEEGVDTAGSTGVTLNLTSPKPIILRFNQPFIMIFDHFTWSSLFLARV MNPV
<b>Research Area</b>	Transport
<b>Source</b>	Mammalian cell
<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.

### Shelf Life

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.