

Corticosteroid Binding Globulin (CBG) Recombinant Protein | CBG recombinant protein

Recombinant Corticosteroid Binding Globulin (CBG)

CATALOG # AAA20277	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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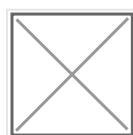
PRODUCT SYNONYMS

Corticosteroid Binding Globulin (CBG); Recombinant Corticosteroid Binding Globulin (CBG); CBG recombinant protein

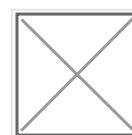
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for CBG recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Glu218~Arg378
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	73858564
NCBI GeneID	866
NCBI Accession #	NP_001747.2
NCBI GenBank Nucleotide #	NM_001756.3
UniProt Accession #	P08185; Q7Z2Q9; A8K456
Molecular Weight	Predicted Molecular Mass: 18.9kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	corticosteroid-binding globulin
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6
NCBI Official Symbol	SERPINA6
NCBI Official Synonym Symbols	CBG
NCBI Protein Information	corticosteroid-binding globulin; serpin A6; transcortin; corticosteroid binding globulin; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6
UniProt Protein Name	Corticosteroid-binding globulin
UniProt Gene Name	SERPINA6
UniProt Synonym Gene Names	CBG; CBG
UniProt Entry Name	CBG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/serpina6-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20277>