

# Recombinant Corticosteroid Binding Globulin (CBG) Instruction Manual

**SIPB710Hu05**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted, Extracellular matrix
<b>Predicted Molecular Mass</b>	45.6kDa
<b>Accurate Molecular Mass</b>	44kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Pro25~Val405 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 80%
<b>Isoelectric Point</b>	6.1
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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                PNAAYV NMSNHHRGLA SANVDFAFSL
YKHLVALSPK KNIFISPVSI SMALAMLSLG TCGHTRAQLL QGLGFNLTER
SETEIHQGFQ HLHQLFAKSD TSLEMTMGNA LFLDGSLELL ESFSADIKHY
YESEVLAMNF QDWATASRQI NSYVKNKTQG KIVDLFSGLD SPAILVLVNY
IFFKGTWTQP FDLASTREEN FYVDETTVVK VPMMLQSSTI SYLHDSSELPC
QLVQMNYVGN GTVFFILPDK GKMNTVIAAL SRDTINRWSA GLTSSQVDLY
IPKVTISGVY DLGDVLEEMG IADLFTNQAN FSRITQDAQL KSSKVVKAV
LQLNEEGVDT AGSTGVTLNL TSKPIILRFN QPFIIMIFDH FTWSSLFLAR
VMNPV
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## USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.  
Do not vortex.

