

Sex Hormone Binding Globulin (SHBG) Protein | SHBG protein

Eukaryotic Sex Hormone Binding Globulin (SHBG)

CATALOG # AAA147100	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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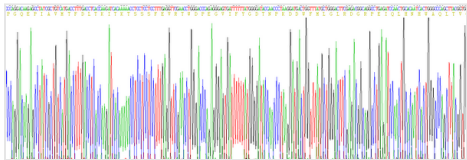
PRODUCT SYNONYMS

Sex Hormone Binding Globulin (SHBG); Eukaryotic Sex Hormone Binding Globulin (SHBG); ABP; TEBG; SBP; Sex steroid-binding protein; Testis-specific androgen-binding protein; Testosterone-estradiol-binding globulin; Testosterone-estrogen-binding globulin; SHBG protein

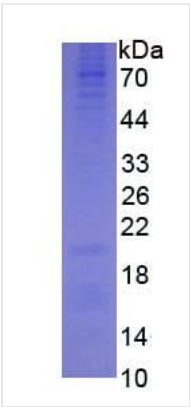
PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	> 60%
Form/Format	Freeze-dried powder
Sequence Length	402
Applicable Applications for SHBG protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Pro51~Asp218
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Human
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.4
Subcellular Location	Secreted
Usage	Reconstitute in PBS or others.
Preparation and 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. 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



Application Data



SDS-PAGE

PGQEPIAVMT FDLTKITKTS SSFEVRTWDP EGVIFYGDTN PKDDWFMGLL
RDGRPEIQLH NHWAQLTVGA GPRLDDGRWH QVEVKMEGDS VLLEVDGEEV
LRLRQVSGPL TSKRHPIMRI ALGGLFPAS NLRLPLVPAL DGCLRRDSWL
DKQAEISASA PTLRLSCD

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for SHBG protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7382460
NCBI GeneID	6462
NCBI Accession #	NP_001031.2
NCBI GenBank Nucleotide #	NM_001040.4
UniProt Accession #	P04278; P14689; Q16616; Q3MIL0; Q6ISD2; B0FWH4; E9PGW1; F5H5Z8; I3L1N7
Molecular Weight	20.4kDa; 20kDa
NCBI Official Full Name	sex hormone-binding globulin isoform 1
NCBI Official Synonym Full Names	sex hormone binding globulin
NCBI Official Symbol	SHBG
NCBI Official Synonym Symbols	ABP; SBP; TEBG
NCBI Protein Information	sex hormone-binding globulin
UniProt Protein Name	Sex hormone-binding globulin
UniProt Gene Name	SHBG
UniProt Synonym Gene Names	SHBG; SBP; ABP; TeBG

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.