

Native Human SHBG protein

Cat. No. SHBG-30637TH Lot. No. (See product label)

SPECIFICATION

Product Overview Native Human SHBG was purified from Human Serum.

Species Human

Source Human Serum

Description This gene encodes a steroid binding protein that was first described as a plasma protein secreted by the liver but is now thought to participate in the regulation of steroid responses. The encoded protein transports androgens and estrogens in the blood, binding each steroid molecule as a dimer formed from identical or nearly identical monomers. Polymorphisms in this gene have been associated with polycystic ovary syndrome and type 2 diabetes mellitus. Alternative splicing results in multiple transcript variants.

Form Lyophilized from 0.02 M ammonium bicarbonate.

Molecular Mass ~45,000

Purity > 90% (SDS-PAGE)

Storage Store at -20 centigrade

Reconstitution Use phosphate buffer pH > 7.0, containing 0.15M NaCl

GENE INFORMATION

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Gene Name	SHBG sex hormone-binding globulin [Homo sapiens]
Official Symbol	SHBG
Synonyms	SHBG; sex hormone-binding globulin; ABP; androgen binding protein; MGC126834; MGC138391; TEBG; sex steroid-binding protein; testosterone-binding beta-globulin; testosterone-estrogen-binding globulin; testosterone-estradiol-binding globulin; testis-specific androgen-binding protein; SBP;
Gene ID	6462
mRNA Refseq	NM_001040
Protein Refseq	NP_001031
MIM	182205
UniProt ID	P04278

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