

## Product datasheet for **TP518620**

### Shbg (NM\_011367) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sex hormone binding globulin (Shbg), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218620 representing NM_011367 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEKRDSVALHWRLLLLLLLLLMPPPTHQGRALRHIDPIQSAQDPPAKYLSNGPGQEPVMVMTIDLTISKIP  
HSSFERTWDPEGVIFYGDTNTEDDWLLGLRAGQLEIQLHNAWARLTVGFPRLDDGRWHPVELKMNGD  
SLLLWVDGKEMLCRQISASLADHSQRSMRIALGLLLLPTSKLRFPLVPALDGCIRRDIDLGHQAQLSAS  
PRTSLGNCDVDLQPGLFFPPGTHAEFSLQDIPQPHADPWTFSLGFKLVDSGQLLALGTGTNSSWLN  
HLQNQSVLSSEAEPKVVPLDVGLPLQLTLDRVKVLSQGPKMEVLSMSLLRPASLWRLWSHPQGHLSL  
GALPGESSASFCLSDFWVQGGQRLDIDQALSRSQDIWTHSFCPRPSNDTRTSH

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	45.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_035497</a>
Locus ID:	20415
UniProt ID:	<a href="#">P97497</a> , <a href="#">A0A158SIS9</a>



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RefSeq Size: 1407

Cytogenetics: 11 42.86 cM

RefSeq ORF: 1209

Synonyms: ABP

**Summary:** Functions as an androgen transport protein, but may also be involved in receptor mediated processes. Each dimer binds one molecule of steroid. Specific for 5-alpha-dihydrotestosterone, testosterone, and 17-beta-estradiol. Regulates the plasma metabolic clearance rate of steroid hormones by controlling their plasma concentration (By similarity).[UniProtKB/Swiss-Prot Function]