

Recombinant Mouse Shbg Protein, Myc/DDK-tagged

Cat. No. Shbg-5853M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sex hormone binding globulin (Shbg), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	45.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Shbg sex hormone binding globulin [Mus musculus (house mouse)]
Official Symbol	Shbg
Synonyms	SHBG; sex hormone binding globulin; sex hormone-binding globulin; SBP; sex steroid-binding protein; testis-specific androgen-binding protein; ABP
Gene ID	20415
mRNA Refseq	NM_011367
Protein Refseq	NP_035497
UniProt ID	P97497

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