

Product datasheet for MC209396

Shbg (NM_011367) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Shbg (NM_011367) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Shbg
Synonyms:	ABP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209396 representing NM_011367 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAAGAGACTCTGTGGCCTTGCAATGGCGACTGCTTCTGCTGTTGCTACTACTGATGCCGCCTC
CCACCCACGAGGACGGGCCCTGAGACACATTGACCTATCCAGAGTGCCAGGACCCCTCTGCTAAGTA
CCTCAGCAATGGCCAGGACAAGAGCCTGTCATGGTTATGACCATTGACCTACCAAAATCAGCAAACCC
CATTCTCCTTTGAGTTTCGAACCTGGGATCCAGAGGGAGTGATTTTTTATGGGGACACCAACACTGAAG
ATGACTGGTTCCTGCTGGGACTGCGAGCTGGCCAGCTTGAATCCAGCTACACAATGCCTGGGCTCGGCT
CACAGTAGGCTTTGGTCCTCGGCTGGACGATGGGAGATGGCACCCGGTGGAGCTGAAGATGAACGGGGAT
TCACTGCTGCTGTGGGTGGATGGGAAGGAGATGCTATGCCTGAGACAAATCTCTGCATCCCTGGGCTGACC
ACTCCCAGCGCAGCATGAGGATTGCACTAGGGGGGCTCCTCCTCCCTACTTCAAACCTTCGGTTTCCGCT
CGTGCCTGCCCTGGACGGCTGTATTTCGGCGAGATATCTGGCTGGGCCACCCAGGCCAGCTCTCAGCCTCT
CCCCGCACTAGCCTGGGAACTGTGATGTGGACCTGCAACCTGGACTGTTCTTCCCTCCAGGGACCCACG
CAGAATTCAGTCTCCAAGACATTCACAGCCTCATGCAGACCCCTGGACCTTTCTCTGGAGCTAGGATT
TAAGCTGGTGGATGGCTCAGGACAACCTTGTCTTCCGAGGCAGAACCTAAGGTAGTTTTACCCTGGACGTGG
GACTCCCTCTTACGTGACGCTGGATAGAGTCAAAGTGGTCTTGAGCCAAGGACCAAAAGATGGAAGTCTT
TTCTATGTCTCTTTTGGACCTGCCTCCCTCTGGAGACTCTGGTCCCACCCCTCAGGGCCATCTCTCCCTT
GGGGCTTTACCAGGAGAGAGTTCTTCTGCTTCTTCTGCCTGAGTGACTTTTGGGTACAAGGACAGAGAC
TGGACATAGACCAGGCCCTGAGCAGAAGCCAGGACATCTGGACTCACAGCTGCCCCAGAGACCTAGCAA
CGATACCCGCACCTCCACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_011367
Insert Size:	1212 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_011367.2</u> , <u>NP_035497.1</u>
RefSeq Size:	1407 bp
RefSeq ORF:	1212 bp
Locus ID:	20415
UniProt ID:	<u>P97497</u>
Cytogenetics:	11 42.86 cM
Gene 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]