

Product datasheet for **RN201005**

Shbg (NM_012650) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Shbg (NM_012650) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Shbg
 Synonyms: Abpa
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN201005 representing NM_012650
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGAGAAGGGAGAGGTGGCCTCCTTGCCTTGGCCACTGCTTCTGTTGTTGCTACTATTGACGCTGCCTC
 CCACCCACCGGGACGGACCCTGAGACACATTGACCCTATCCAGAGTGCTCAGGACTCTCCTGCTAAATA
 CCTCAGCAATGGCCAGGACAAGAGCCCGTCACTGTTCTGACCATTGACCTCACAAAATCAGCAAACCC
 TCTTCCTCCTTTGAGTTTCGAACCTGGGATCCAGAGGGAGTGATTTTTATGGGGACACCAACACTGAAG
 ATGACTGGTTCATGCTGGGACTGCGGGATGGCCAGCTTGAATCCAGCTGCACAATCTCTGGGCTCGGCT
 TACAGTAGGCTTTGGCCCTCGGCTGAATGATGGGAGATGGCACCCGGTGGAGCTAAAGATGAACGGGGAT
 TCACTGCTGCTATGGGTGGATGGAAAAGAGATGCTATGCCTGAGACAAGTTTCTGCATCCCTGGCTGACC
 ATCCCAGCTCAGCATGAGGATTGCACTAGGGGGGCTCCTCCTCCCCTTCCAACTTCGGTTTCCGCT
 CGTTCCTGCCCTGGATGGCTGTATACGCCGAGATATCTGGCTGGGCCACCAGGCCAGCTCTCAACTCT
 GCCCGAAGTACCTTGGAACTGTGATGTGGACCTGCAACCTGGACTGTTCTTCCCTCCAGGGACCCATG
 CAGAATTCAGTCTCCAAGACATTCGCCAGCCTCACACAGACCCCTGGACCTTTTCTCTGGAGCTGGGAT
 TAAGCTGGTGGATGGAGCAGGACGACTCCTTACTCTTGGGACAGGACAAATTCTTCTGGCTCACCTT
 CACCTCCAAGACCAAACGGTGGTTCTGTCTTCTGAAGCAGAACCTAAACTAGCTTTACCCTTGGCGTGG
 GACTCCCTCTTCAACTGAAGCTGGATGATTCAAAGTAGCCTTGAGCCAAGGACCAAAGATGGAGGTCTT
 TTCTACATCTCTTTAAGACTTGCCTCCTCTGGAGACTCTGGTCCCACCCTCAGGGCCATCTCTCCCTT
 GGGGCTTTACCAGGAGAGGACTCTTCTGCTTCTTTTGCCTGAGTGACCTTTGGGTACAAGGACAGAGAC
 TGGACATAGACAAAGCCCTGAGCAGAAGCCAGGACATCTGGACTCATAGTTGCCCTCAGAGCCCTAGCAA
 TGATACCCACACCTCCACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012650
Insert Size:	1212 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_012650.1 , NP_036782.1
RefSeq Size:	1395 bp
RefSeq ORF:	1212 bp
Locus ID:	24775
UniProt ID:	P08689
Cytogenetics:	10q24
Gene Summary:	plays a role in extracellular transport of androgens [RGD, Feb 2006]