

## Product datasheet for RC211022L2V

## OriGene Technologies, Inc.

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## Sex Hormone Binding Globulin (SHBG) (NM\_001040) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** Sex Hormone Binding Globulin (SHBG) (NM\_001040) Human Tagged ORF Clone Lentiviral

Particle

Symbol: Sex Hormone Binding Globulin

Synonyms: ABP; SBP; TEBG

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_001040

ORF Size: 1206 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC211022).

OTI Disclaimer:

Sequence:

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

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**RefSeq:** <u>NM 001040.3</u>

 RefSeq Size:
 1277 bp

 RefSeq ORF:
 1209 bp

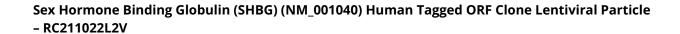
 Locus ID:
 6462

 UniProt ID:
 P04278

Cytogenetics: 17p13.1

**Protein Families:** Druggable Genome, Secreted Protein







MW: 43.8 kDa

**Gene Summary:** 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. [provided by RefSeq, Jan 2014]