

Product datasheet for **RC228220L4V**

Sex Hormone Binding Globulin (SHBG) (NM_001146281) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Sex Hormone Binding Globulin
Synonyms:	ABP; SBP; TEBG
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001146281
ORF Size:	861 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC228220).

OTI Disclaimer: 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: [NM_001146281.1](#), [NP_001139753.1](#)

RefSeq ORF: 864 bp

Locus ID: 6462

UniProt ID: [P04278](#)

Cytogenetics: 17p13.1

Protein Families: Druggable Genome, Secreted Protein



MW: 31.72 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]