

## Product datasheet for **RC206510L2V**

### TSG6 (TNFAIP6) (NM\_007115) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TSG6 (TNFAIP6) (NM_007115) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TSG6
Synonyms:	TSG-6; TSG6
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_007115
ORF Size:	831 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206510).
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. <a href="#">More info</a>
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:	<a href="#">NM_007115.2</a>
RefSeq Size:	1439 bp
RefSeq ORF:	834 bp
Locus ID:	7130
UniProt ID:	<a href="#">P98066</a>
Cytogenetics:	2q23.3
Protein Families:	Druggable Genome
MW:	31.2 kDa



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**Gene Summary:**

The protein encoded by this gene is a secretory protein that contains a hyaluronan-binding domain, and thus is a member of the hyaluronan-binding protein family. The hyaluronan-binding domain is known to be involved in extracellular matrix stability and cell migration. This protein has been shown to form a stable complex with inter-alpha-inhibitor (I alpha I), and thus enhance the serine protease inhibitory activity of I alpha I, which is important in the protease network associated with inflammation. This gene can be induced by proinflammatory cytokines such as tumor necrosis factor alpha and interleukin-1. Enhanced levels of this protein are found in the synovial fluid of patients with osteoarthritis and rheumatoid arthritis.[provided by RefSeq, Dec 2010]