

## Product datasheet for **RC220287L3V**

### LGSN (NM\_016571) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LGSN (NM_016571) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LGSN
Synonyms:	GLULD1; LGS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016571
ORF Size:	1527 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220287).
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_016571.1</a>
RefSeq Size:	5634 bp
RefSeq ORF:	1530 bp
Locus ID:	51557
UniProt ID:	<a href="#">Q5TDP6</a>
Cytogenetics:	6q12
MW:	57.3 kDa



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**Gene Summary:**

This gene encodes a protein with similarity to the GS I members of the glutamine synthetase superfamily. The encoded protein is referred to as a pseudo-glutamine synthetase because it has no glutamine synthesis activity and may function as a chaperone protein. This protein is localized to the lens and may be associated with cataract disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2009]