

## Product datasheet for **RC203826L4V**

### GLO1 (NM\_006708) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GLO1 (NM_006708) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GLO1
Synonyms:	GLOD1; GLYI; HEL-S-74
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006708
ORF Size:	552 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203826).
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_006708.1</a>
RefSeq Size:	2071 bp
RefSeq ORF:	555 bp
Locus ID:	2739
UniProt ID:	<a href="#">Q04760</a>
Cytogenetics:	6p21.2
Domains:	Glyoxalase
Protein Pathways:	Pyruvate metabolism



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**MW:** 20.8 kDa

**Gene Summary:** The enzyme encoded by this gene is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. Glyoxalase I is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere. [provided by RefSeq, Jul 2008]