

## Product datasheet for **MR224108L3V**

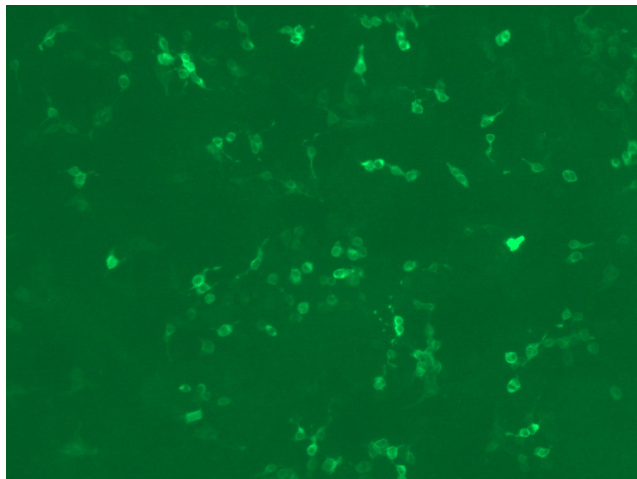
### Gucy2c (NM\_001127318) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Gucy2c (NM_001127318) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Gucy2c   |
| Synonyms:                 | AI893437; GC-C; Gcc  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_001127318   |
| ORF Size:                 | 3216 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR224108).   |
| 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_001127318.1</a> , <a href="#">NP_001120790.1</a>  |
| RefSeq Size:              | 3951 bp  |
| RefSeq ORF:               | 3219 bp  |
| Locus ID:                 | 14917  |
| UniProt ID:               | <a href="#">Q3UWA6</a>   |
| Cytogenetics:             | 6 66.67 cM   |
| Gene Summary:             | Receptor for the E.coli heat-stable enterotoxin (E.coli enterotoxin markedly stimulates the accumulation of cGMP in mammalian cells expressing GC-C). Also activated by the endogenous peptide guanylin (By similarity).[UniProtKB/Swiss-Prot Function]  |



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**Product images:**

[MR224108L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR224108L3V particle to overexpress human Gucy2c-Myc-DDK fusion protein.