

Product datasheet for **MR204445L3V**

Crym (NM_016669) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Crym (NM_016669) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Crym |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_016669 |
| ORF Size: | 942 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR204445). |
| 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_016669.1 |
| RefSeq Size: | 1256 bp |
| RefSeq ORF: | 942 bp |
| Locus ID: | 12971 |
| UniProt ID: | O54983 |
| Cytogenetics: | 7 64.47 cM |



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Gene Summary:

Specifically catalyzes the reduction of imine bonds in brain substrates that may include cystathionine ketimine (CysK) and lanthionine ketimine (LK). Binds thyroid hormone which is a strong reversible inhibitor. Presumably involved in the regulation of the free intracellular concentration of triiodothyronine and access to its nuclear receptors (By similarity).
[UniProtKB/Swiss-Prot Function]