

## Product datasheet for **MR220039L3V**

### Prkcsh (NM\_008925) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Prkcsh (NM_008925) Mouse Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Prkcsh   |
| Synonyms:                 | 80K-H; PKCSH   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_008925  |
| ORF Size:                 | 1563 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR220039).   |
| 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_008925.1</a>  |
| RefSeq Size:              | 2030 bp  |
| RefSeq ORF:               | 1566 bp  |
| Locus ID:                 | 19089  |
| UniProt ID:               | <a href="#">O08795</a>   |
| Cytogenetics:             | 9 8.04 cM  |



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**Gene Summary:**

Regulatory subunit of glucosidase II that cleaves sequentially the 2 innermost alpha-1,3-linked glucose residues from the Glc(2)Man(9)GlcNAc(2) oligosaccharide precursor of immature glycoproteins (PubMed:27462106, PubMed:9148925). Required for efficient PKD1/Polycystin-1 biogenesis and trafficking to the plasma membrane of the primary cilia (PubMed:21685914). [UniProtKB/Swiss-Prot Function]