

## Product datasheet for **RC224600L1V**

### MF12 (MELTF) (NM\_005929) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | MF12 (MELTF) (NM_005929) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | MF12   |
| Synonyms:                 | CD228; MAP97; MF12; MTF; MTF1  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_005929  |
| ORF Size:                 | 2214 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC224600).   |
| 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_005929.3</a>  |
| RefSeq Size:              | 2377 bp  |
| RefSeq ORF:               | 2217 bp  |
| Locus ID:                 | 4241   |
| UniProt ID:               | <a href="#">P08582</a>   |
| Cytogenetics:             | 3q29   |
| Protein Families:         | Druggable Genome   |
| MW:                       | 80.21 kDa  |



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**Gene Summary:**

The protein encoded by this gene is a cell-surface glycoprotein found on melanoma cells. The protein shares sequence similarity and iron-binding properties with members of the transferrin superfamily. The importance of the iron binding function has not yet been identified. This gene resides in the same region of chromosome 3 as members of the transferrin superfamily. Alternative splicing results in two transcript variants. [provided by RefSeq, Jul 2008]