

## Product datasheet for **SC208149**

### CD68 (NM\_001040059) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CD68 (NM\_001040059) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CD68  
**Synonyms:** GP110; LAMP4; SCARD1  
**ACCN:** NM\_001040059  
**Insert Size:** 630 bp  
**Insert Sequence:** >SC208149 3'UTR clone of NM\_001040059

The sequence shown below is from the reference sequence of NM\_001040059. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AGACGCCCATCCGCCTACCAGGCCCTCTGAGCATTGGCTCAAACCCAGGGCACTGAGGGGGTTGGGG
TGTTGGTGGGGGGTACCCTTATTTCTCGACACGCAACTGGCTCAAAGACAATGTTATTTCTTCCT
TTCTTGAAGAACAAGAAAGCCGGGCATGACGGCTCATGCCTGTAATCCCAGCACTTTGGGAGGCTG
AGGCAGGTGGATCACTGGAGGTCAGGAGTTTGGAGCCAGCCTGGCCAACATGGTGAACCCGTCTCTA
CTAAAAATACAATTAGCCAGGTGTGGCGCGTAATCCCAGCTGGCCTGTAATCCCAGCTACTTGGGAGG
CTGAGGCAGAAGCTTGAACCCAGGAGGTGGAGGTTGCAGTGAGCCGTCATCGCGCCACTAAGCCAAG
ATCGCGCCACTGCACTCCAGCCTGGGCGACAGAGCCAGACTGTCTCAAATAAATAAATATGAGATAATG
CAGTCGGGAGAAGGGAGGAGAGAATTTATTAATGTGACGAACTGCCCCCCCCCCCCCAGCAGG
AGAGCAGCAAAATTTATGCAAACTTTGACGGGGTTTTCTTGTCTGCCAGGATTAAGCCATGAGT
TTCTTGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



[View online >](#)

RefSeq: [NM\\_001040059.2](#)

**Summary:** This gene encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Jul 2008]

**Locus ID:** 968

**MW:** 22.8