

## Product datasheet for MC208255

### Cd72 (NM\_007654) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cd72 (NM_007654) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd72
Synonyms:	CD72c; Ly-19; Ly-32; Ly-m19; Lyb-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208255 representing NM_007654 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1266\\_f09.zip](https://cdn.origene.com/chromatograms/ja1266_f09.zip)

Restriction Sites: SgfI-MluI

ACCN: NM\_007654

Insert Size: 1065 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_007654.2](#), [NP\\_031680.2](#)

**RefSeq Size:** 1482 bp

**RefSeq ORF:** 1065 bp

**Locus ID:** 12517

**UniProt ID:** [P21855](#)

**Cytogenetics:** 4 23.04 cM

**Gene Summary:** Plays a role in B-cell proliferation and differentiation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1, resulting in a shorter protein (isoform 2). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.