

Product datasheet for **MC208257**

Cd72 (NM_001110321) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd72 (NM_001110321) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cd72
Synonyms: CD72c; Ly-19; Ly-32; Ly-m19; Lyb-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208257 representing NM_001110321
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGACGCTATCACGTATGCAGACCTGCGCTTTGTGAAAGTGCCCTGAAGAACAGCGCATCTAACC
ATCTAGGACAGGACTGTGAGGCCTATGAAGATGGGGAACCTCACCTACGAGAATGTGCAAGTGTCTCCAGT
CCCAGGAGGGCCACCAGGCTTGGCTTCCCCTGCACTAGCGGACAAAGCAGTCTACAGTCTGCTTGCAA
TACTTCTTGCTTGGCCTTCTCGTGTCTGTCTGATGTTAGGGGTGGCTGTCTGCTGCTGGAGTTCGCT
ATCTGCAGGTGTCTCGGCAGTTCAGGAGGGGACCAGGATTTGGGAAGCCACCAATAGCAGCCTGCAGCA
GCAGCTCAGGGAGAAGATAAGTCAGCTGGGGCAGAAGGAGGTGGAGCTTCAGAAGGCTCGGAAAGAGCTG
ATCTCGAGCCAGGACACATTACAGGAGAAGCAGAGGACTCACGAGGACGCTGAGCAGCAACTACAAGCCT
GCCAGGCTGAGAGAGCGAAGACCAAGGAGAACCTGAAACTGAGGAGGAGCGGAGGAGGGACCTGGACCA
GAGGTTGACAAGCACGCGGGAGACACTGAGGCGCTTCTTCTGATTTCATCAGACACCTGCTGTCCATGC
GGATGGATTCCATATCAGGAAAGGTGCTTTTACATCTCACATACCCTCGGAAGTCTGGAGGAGGCCAAA
AATACTGCACATCTGTCTCCAAACTGGCAGCATTGATGAACCTTCTAAGTATTACTATGAATACCT
CTCTGACGCCCCCAGGTTTCTCTGCCAGCGGCTTAGAGGAGTTGCTAGATCGTTCGAAGTCATATTGG
ATACAGATGAGCAAGAAGTGGAGGCAGGACTCTGACTCTCAAAGCCGACATTGTGTGAGGATAAAAAACAT
ATTACCAGAAGTGGGAAAGAACAATTTCCAAGTGTGCAGAGCTTCACCCCTGCATTTGTGAGTCGGAGGC
TTTCAGGTTTCTGATGGGATCAATCTGAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001110321



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Insert Size:	1014 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).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_001110321.1</u> , <u>NP_001103791.1</u>
RefSeq Size:	1431 bp
RefSeq ORF:	1014 bp
Locus ID:	12517
Cytogenetics:	4 23.04 cM
Gene Summary:	Plays a role in B-cell proliferation and differentiation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an alternate in-frame exon, compared to variant 1, resulting in a shorter protein (isoform 3).