

Product datasheet for MC208251

Cd48 (NM_007649) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd48 (NM_007649) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd48
Synonyms:	AI449234; AW610730; Bcm-1; BCM1; BLAST; BLAST-1; BLAST1; MEM-102; Sgp-60; SLAMF2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC208251 representing NM_007649 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGCTTCATAAACAGGGATGGTGTCTGGTCTGGAAGTCTACTGCTGCCCTTGGAACTGGATTTCAAGGTCATTCAATACCAGATATAAATGCCACCACCGGCAGCAATGAACCCTGAAAATCCATAAGGACCCACTTGGACCATATAAACGTATCACCTGGCTTCATACTAAAAATCAGAAGATTTTAGAGTACAATAATAGTACAAAAGACAATCTTCGAGTCTGAATTTAAAGGCAGGGTTTATCTTGAAGAAAACAATGGTGCATTCATATCTCTAATGTCCGGAAGAGGACAAAGGTACCTACTACATGAGAGTCTGCGTGAAACTGAGAACGAGTTGAAGATAACCCTGGAAGTATTTGATCCTGTGCCCAAGCCTTCATAGAAAATCAATAAGACTGAAGCGTCGACTGATTCCTGTACCTGAGGCTATCGTGTGAGGTAAGGACCAGCATGTTGACTATACTTGGTATGAGAGCTCGGGACCTTTCCCAAAAAGAGTCCAGGATATGTGCTCGATCTCATCGTCACACCACAGAACAA GTCTACATTTTACACCTGCCAAGTCAGCAATCCTGTAAGCAGCAAGAACGACACAGTGTACTTCACTCTA CTTGTGATCTAGCCAGATCTTCTGGAGTATGTTGGACTGCAACTGGCTAGTGGTCAACACTCATCA TTCACAGGATCCTGTTAACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_007649
Insert Size:	723 bp



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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:	NM_007649.4 , NP_031675.1
RefSeq Size:	1142 bp
RefSeq ORF:	723 bp
Locus ID:	12506
UniProt ID:	P18181
Cytogenetics:	1 79.54 cM
Gene Summary:	Ligand for CD2. Might facilitate interaction between activated lymphocytes. Probably involved in regulating T-cell activation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.