

Product datasheet for RN213171

Cd48 (NM_139103) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd48 (NM_139103) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd48
Synonyms: SLAMF2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213171 representing NM_139103
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTACTTCAAAAAACGGAGATGGTTTCTGATCCTGGAATCGCTTTTGTGTCTTTGGTAACTGGATTC
AAGATCAATCAGTACCAAATGTAATGCCATAACCGGCAGCAACGTAACCCTGACAATCCTGAAGCACCC
ACTTGCATCGTATCAACGTCTCACCTGGCTTCATACTACCAACCAGAAGATTTTAGAGTACTTCCCTAAT
GGTAAAAAACTGTCTTCGAGTCTGTATTTAAAGACAGGGTCGATCTTGACAAAACAAATGGTGCATTC
GTATCTATAATGTCTCGAAAGAGGACAGAGGTGACTACTACATGAGAATGTTGCACGAAACTGAGGACCA
GTGGAAGATAACCATGGAAGTATACGATCTTGTGTCCAAGCTGCCATCAAAATCGAGAAGACTAAAAAT
TTGACTGACTCCTGTACCTGAGGCTATCATGTAAGGTAGAGGACCAAGGTGTTGACTATACTTGGTATG
AGGACTCGGGCCCTTTCCCAAAGGAATCCAGGATATGTAAGTACGAAATCACCATCACTCCACACAACAA
GTCTACATTTTACACCTGCCAAGTCAGCAATCCTGTAAGCAGCGAGAACGACACTGTACTTTATTCCA
CCTTGACGCTGGCCAGATCTTCTGGAGTCCATTGGATTGCAGCTTGGCTAGTGGTCACGTTATCCATCA
TCCCAGCATCTGCTAGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_139103
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_139103.1 , NP_620803.1
RefSeq Size:	1422 bp
RefSeq ORF:	723 bp
Locus ID:	245962
UniProt ID:	P10252
Cytogenetics:	13q24
Gene Summary:	plays a role in mast cell activation and response to Mycobacterium tuberculosis [RGD, Feb 2006]