

Product datasheet for MC201581

Cd53 (NM_007651) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd53 (NM_007651) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd53
Synonyms:	AI323659; Ox-44; Tspan25
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC021310 sequence for NM_007651
 CCACGCGTCCGGACTTCTGGGTTACAGGCTGTGCTGGCCACCTAAAAGATAATCAGTGAATTCTACCTGA
 AGTACTGAGGGACACTGCCTTCAAAGGGCATACTATCCCAGCATGGGCATGAGCAGCCTGAAATTGCTG
 AAATATGTTCTGTTTATCTTAACTTGCTTTTTGGGTCTGTGGCTGTTGCATTTGGGCTTTGGCATCT
 ATTTCTGGTCCAAAATACCTATGGAGTACTCTCCGTAACCTTCCCTTCTGACACTTGGCAACATTCT
 GGTCAATTGTTGGGATCCATTATCATGGTAGTTGCCTTCTGGGTTGCATGGGCTCAATCAAGGAAAATAAG
 TGCCTGCTTATGTCGTTCTTTGTTCTGCTGCTGATTATTCTCCTTCTGAGGTGACCATAGCCATCTGC
 TCTTTGTGTATGAACAAAACACTCAACACTTTAGTGGCTGAGGGTCTGAATGACAGCATCCAACATTATCA
 CTCTGACAACAGCACTATGAAGGCATGGGACTTCATCCAGACACAACACTGCAGTGTGTGGTGAATGGC
 TCAAGTGATTGGACCAGTGGTCCACCATCTTCTGCCATCAGGTGCAGATGTTCCAGGGTGTCTATAATA
 AGGCAAAATCGTGGTTTCACTCCAATTTCTGTATATTGGAATCATTACCATCTGTGTATGTGTGATACA
 GGTGCTGGGAATGCCTTTGCACCTGACACTCAACTGCCAGATTGACAAAACAAGCCAGGCTTTAGGGCTG
 TGACTTGAACCTTCCCCCTGCTTAAAGTACTTATTCTCTCTAGAAAGTCAAAGCATCCATTCCATGAGA
 ACTTAAACAATTACCTGCCTGACTGGCATTTTGGCTTCTTCTTATTCCATCTTTGACTGGATCTCTGTCT
 TATACACATCCACTGAAGAGAATATTTGTGATGGACTTCCCATATCAAGCAGAAGACAAACATTAACCAA
 CTGATAGCAGTAACCATATCCCTTAAAGATGGTGAACATACCTGGGTGTTTTGGTTTTTTTTTTTTTT
 TACATACTTGGGTATTTTTTTTAAAGAGACACTGTAGCACTGGTGGCTTGGATCCACTGCCAGCTGCTG
 GTGTGGTTATTTCTCAGAGTACTAGCCTAGCAAATGTGAGCCCTTGAGTTTAGCCCCAAATACTACAAAA
 AAGAGGTCCAAGTTTAAATGTTAGTCTCCTAACAACTGTCAAATCAATTTCTAGCCTCTAAATCTTGCTA
 CTCCACTCTACAAAGTCACATAAGAGAGAAGCTGATGGAAATTTTTGAGTCCCATTATTAGATAATTG
 ACATACTCAGTTTCTTTTGAACACAGTCTTGGTAATAGGAATCATACGAAATCTTTTATTTCTGGAA
 AATATTCCAATTTCTTTGTCTTATTGATTTGTTCCATCCATCCATCCAGAAAAGATTATCCCATCCTA
 TTGTTAGTCAGTCTGGTAGCCTTGAATTACATTGCCATAAAAACAACCCAGAAGTATTAATATCTCCAGTG
 TGTTAGCTGATAATCACATCCATGTCTATGTTTTATTTCTCTATTAATAAAGTTTCTGTTAATGTACCAT
 TTTAACCTGTTAATAACAAAAGTTTATAATCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_007651
Insert Size:	660 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:	BC021310 , AAH21310
RefSeq Size:	1657 bp
RefSeq ORF:	660 bp
Locus ID:	12508
UniProt ID:	Q61451
Cytogenetics:	3 46.53 cM
Gene Summary:	Required for efficient formation of myofibers in regenerating muscle at the level of cell fusion. May be involved in growth regulation in hematopoietic cells.[UniProtKB/Swiss-Prot Function]