

Product datasheet for **MC200849**

Cd55 (NM_010016) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd55 (NM_010016) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cd55
Synonyms: Daf; Daf-; Daf-GPI; Daf1; GPI-; GPI-DAF
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011314 sequence for NM_010016
 GGGCAAGGTCTCTTCTACCTGGGGCTATGATCCGTGGGCGGGCGCCTAGGACTCGGCCATCACCGCCGCC
 TCCGCTGCTGCCGTTGCTGTCGCTGTCTCTGTTGCTGTCCCCAACTGTACGGGAGACTGCGGCCCA
 CCTCCAGACATTCTAATGCCAGGCCAATCTTGGGCAGACACTCCAAGTTTGCTGAGCAAAGCAAAGTGG
 CATACTCGTGAATAACGGCTTTAAACAAGTTCAGACAAGTCAAACATAGTTGTCTGTCTTAAAAATGG
 CCAATGGTCGAGCCACGAAACATTCTGTGAGAAATCACTTGTGCTCCAGAAAGACTGAGTTTTGCATCC
 CTCAAAAAAGAGTACCTCCACATGAATTTTTCCAGTTGGTACTATTGTGGAATATGAGTGTGGCCAG
 GATTTGAAAAACAACCTCCACTCCAGGAAAAATCAACTGGCTTGAGGATTTAGTATGGTCTCCAGTTGC
 TCAGTTTTGTAAAAAAAATCATGCCCTAATCCTAAAGATCTGGATAATGGTCACATCAACATACCAACC
 GGCATATTATTCGGTTCAGAAATAAACTTCTCATGCAACCCAGGGTACAGGCTAGTTGGTGTCTCCTCTA
 CTTTCTGTTCTGTACAGGAAATACTGTTGATTGGGACGATGAGTTTCCAGTGTGCACAGAAATACATTG
 TCCAGAGCCACCAAAAAATCAACAATGGAATAATGCGAGGGGAAAAGTGACTTTATACGTATAGCCAGGTG
 GTCACCTATTCATGTGACAAAAGGCTTCGTCTGTTGAAATGCTAGCATTATTGTACTGTGAGCAAGT
 CTGATGTAGGACAATGGAGCAGTCCACCACCCCGTGCATAGAGAAATCCAAGTCCCAAGCAAGAAACC
 AACAAATTAATGTTCCAAGTACAGGAACCCCTCAACGCTCAGAAACCCACACTAGAAAGTGTCCAAAT
 CCAGGAGACCAACCAACTCCTCAGAAACCTTCCACAGTTAAAGTTTCAGCAACCCAGCATGTACCTGTTA
 CCAAGACAACAGTACGTCATCCAATAAGAACATCTACAGACAAAGGAGAGCCTAACACAGGTGGTGACCG
 TTATATATATGGACATACATGTTAATAACCTTGACAGTTTTGCATGCGATGCTATCACTCATTGGCTAC
 TTGACATAGCCAACGCTGAGTTACGAAGAAAGTATATAAACTACTGATAAATACTTCTAGTTTGTAGAC
 TGTCCAAGAAGAATGGATACAATAAATTTAATAGTGTGTTAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_010016
Insert Size: 1173 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:	BC011314 , AAH11314
RefSeq Size:	1326 bp
RefSeq ORF:	1173 bp
Locus ID:	13136
UniProt ID:	Q61475
Cytogenetics:	1 56.89 cM
Gene Summary:	This gene encodes an inhibitor of both the classical and the alternative pathways of complement activation. The encoded preproprotein undergoes post-translational processing to generate a mature polypeptide anchored to the plasma membrane via a glycosylphosphatidylinositol moiety. Erythrocytes from mice deficient in the encoded protein exhibit impaired regulation of complement activation resulting in enhanced complement deposition. Mice lacking the encoded protein exhibit enhanced susceptibility to experimentally induced myasthenia gravis. This gene is located adjacent to a closely related gene on chromosome 1. [provided by RefSeq, Nov 2015]