

Product datasheet for **SC119027**

CD52 (NM_001803) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD52 (NM_001803) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD52
Synonyms:	CDW52; EDDM5; HE5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119027 sequence for NM_001803 edited (data generated by NextGen Sequencing) ATGAAGCGCTTCCTCTTCTCCTACTCACCATCAGCCTCCTGGTTATGGTACAGATACAA ACTGGACTCTCAGGACAAAACGACACCAGCCAAACCAGCAGCCCTCAGCATCCAGCAGC ATGAGCGGAGGCATTTTCCTTTTCTTCGTGCCAATGCCATAATCCACCTCTTCTGCTTC AGTTGA

Clone variation with respect to NM_001803.2
119 a=>g;123 a=>g

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001803 unedited AATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTAAAAAGCTGC TACCAAGACAGCCACGAAGATCCTACCAAAATGAAGCGCTTCTTCTCCTACTCACC ATCAGCCTCCTGGTTATGGTACAGATACAACTGGACTCTCAGGACAAAACGACACCAGC CAAACCAGCAGCCCTCAGCATCCAGCAGCATGAGCGGAGGCATTTTCCTTTTCTTCGTG GCCAATGCCATAATCCACCTCTTCTGCTTCAGTTGAGGTGACACGTCTCAGCCTTAGCCC TGTGCCCCCTGAAACAGCTGCCACCATCACTCGCAAGAGAATCCCCTCCATCTTTGGGAG GGGTTGATGCCAGACATCACCAGTTGTAGAAGTTGACAGGCAGTGCCATGGGGGCAACA GCCAAAATAGGGGGTAATGATGTAGGGGCCAAGCAGTGCCAGCTGGGGGTCAATAAAG TTACCCTTGTACTTGCAAAAAAAAAAAAAAAAAAACTCGACTCTAGATTGCGGCCGCGGTC ATAGCTGTTTCCTGAACAGATCCCGGTGGCATCCCTGTGACCCCTCCCCAGTGCCTCTC CTGGCCCTGGAAGTTGCCACTCCAGTGCCACCAGCCTTGTCTAATAAAAATTAAGTTGC ATCATTGTCTGACTAGGTGTCCTTCTATAATATTATGGCGTGGAGGGGGGTGGATGG GAGCAAGGGGCAAGTTGGGAAAACACCTGTTGGCCTGCGGGGTCTATTGGAACCAAGCT GAGTGGGGGCACATCTGGTTCACTGAATCTCCCCTCTGGGTTAAGCGATCTCTGCCCA GCCTCCAATGGTGGGATTGAGGCTTGGGACCAGCTCACTAATTTTTGTTCTTTGGAAA ACAGGGGTCCAC
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_001803 unedited TGAACCGCGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTGAAGTACAAGGG TAACCTTATTGACCCCGAGCTGGGCACTGCTTGGCCCTACATCATTACCCCTATTTT GGCTGTTGCCCATGGCACTGCCTGTCAACTTCTACAACCTGGTGATGTCTGGCATCAA CCCCTCCAAAGATGGAGGGGATTCTCTTGCAGTGATGGTGGCAGCTGTTTCAGGGGGC ACAGGGCTAAGGCTGAGACGTGCACCTCAACTGAAGCAGAAGAGGTGGATTATGGCATT GGCCACGAAGAAAAGAAAATGCCTCCGCTCATGCTGCTGGATGCTGAGGGGCTGCTGGT TTGGCTGGTGTCGTTTTGTCTGAGAGTCCAGTTTGTATCTGTACCATAACCAGGAGGCT GATGGTGAGTAGGAGGAAGAGGAAGCGCTTCATTTTGGTAGGATCTTCGTGGCTGTCTTG GTAGCAGCTTTTTAGCCTCGTGCCGAATTCGCGCCGCCCTATAGTGAGTCGTATTACAA AATTCTGACGGTTCATAACGAGCTCTGCTTATATAGACCTCCACCGTACACGCCTAC CGCCCATTTGCGTCAACGCGCGGGGTTATTACGACATTTGGAAAGTCCCGGTGATTTT GGTGCCCAACAACTCCATTGACCTCAATGGGTGGAGACTTGAAATCTCCGTGAGT CAAACCGTATCCACGCCATTGGTGTACTGCAAAACCGCACCCATGGGAATACCGA TGACTAATACGTAGATGTACTGGCAAGTACGAAAATCCCGCAAGGCATGTCCTGGGCAT AATGCCACGCCGGCCATTTACCGCCATTGACCGCATAAGGGGGCCGGACCTTGGCATA TAGAAACCCCTGGATGTACTGGCAGTGGGCAGACTTCN
Restriction Sites:	NotI-NotI
ACCN:	NM_001803
Insert Size:	460 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:	NM_001803.2 , NP_001794.2
RefSeq Size:	523 bp
RefSeq ORF:	186 bp
Locus ID:	1043
UniProt ID:	P31358
Cytogenetics:	1p36.11
Protein Families:	Transmembrane

Gene Summary:

May play a role in carrying and orienting carbohydrate, as well as having a more specific role.
[UniProtKB/Swiss-Prot Function]