

Product datasheet for **SC322329**

CD9 (NM_001769) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD9 (NM_001769) Human Untagged Clone
Tag: Tag Free
Symbol: CD9
Synonyms: BTCC-1; DRAP-27; MIC3; MRP-1; TSPAN-29; TSPAN29
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322329
CGCGCCCCCAGTCCCGCACCCGTTCCGGCCAGGCTAAGTTAGCCCTCACCATGCCGGTC
AAAGGAGGCACCAAGTGCATCAAATACCTGCTGTTCCGATTTAACTTCATCTTCTGGCTT
GCCGGGATTGCTGCTCCTTGCCATTGGACTATGGCTCCGATTCGACTCTCAGACCAAGAGC
ATCTTCGAGCAAGAACTAATAATAATAATTCCAGCTTCTACACAGGAGTCTATATTCTG
ATCGGAGCCGGCGCCCTCATGATGCTGGTGGGCTTCTGGGCTGCTGCGGGGCTGTGCAG
GAGTCCCAGTGCATGCTGGGACTGTTCTTCGGCTTCTCTTGGTGATATTCGCCATTGAA
ATAGCTGCGGCCATCTGGGGATATCCCAAGGATGAGGTGATTAAGGAAGTCCAGGAG
TTTTACAAGGACACCTACAACAAGCTGAAAACCAAGGATGAGCCCCAGCGGAAACGCTG
AAAGCCATCCACTATGCGTTGAACTGCTGTGGTTTGGCTGGGGGCGTGGAACAGTTTATC
TCAGACATCTGCCCAAGAAGGACGTACTCGAAACCTTACCCTGGAAGTCTGCTCCTGAT
GCCATCAAAGAGGTCTTCGACAATAAATCCACATCATCGGCGCAGTGGGCATCGGCATT
GCCGTGGTCATGATATTTGGCATGATCTTCAGTACGATCTTGTGCTGTGCTATCCGCAGG
AACCGGAGATGGTCTAGAGTCAGCTTACATCCCTGAGCAGGAAAGTTTACCCATGAAGA
TTGGTGGGATTTTTGTTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTG
CCACTAATTTTAGTATTCATTCTGCATTGCTAGATAAAAGCTGAAGTTACTTTATGTTTG
TCTTTAATGCTTCATCAATATTGACATTTGTAGTTGAGCGGGGGTGGTTTGGTTTGCCTT
GGTTTATATTTTTTCAGTTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTG
AAAGTACTATATTTGCTAGACTCTAGACAAGATATTGTACATAAAAGAATTTTTTGTGCT
TTTAAATAGATACAAATGTCTATCAACTTTAATCAAGTTGTAACCTATATTGAAGACAAT
TTGATACATAATAAAAAATTATGACAATGTCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_001769



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001769.2</u> , <u>NP_001760.1</u>
RefSeq Size:	1246 bp
RefSeq ORF:	687 bp
Locus ID:	928
UniProt ID:	<u>P21926</u>
Cytogenetics:	12p13.31
Domains:	transmembrane4
Protein Families:	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Hematopoietic cell lineage
Gene Summary:	<p>This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis. [provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>