

Product datasheet for **SC332783**

CD229 (LY9) (NM_001261456) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD229 (LY9) (NM_001261456) Human Untagged Clone
Tag: Tag Free
Symbol: CD229
Synonyms: CD229; hly9; mLY9; SLAMF3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332783 representing NM_001261456.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGTGGCACAAAGAGTCACACAGATGACTGGGCTCCTGGCCTTTCTCCAGTAAGCCACAGAGGAGT
CAGCTGCAAATATTCTCTTCTGTCTACAGACCTCTCTCCTTCTCCTGCTCATGGGACTAAGAGCCTCT
GGAAAGGACTCAGCCCCAACAGTGGTGTGACGGATCCTAGGGGGTTCCGTGACTCTCCCCCTAAACATC
TCAGTAGACACAGAGATTGAGAACGTCTCTGGATTGGTCCAAAAATGCTCTTGCTTTCCGACGTCCC
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ACTCAGGAGGGCCTGGACATGACCCAGCCCTGAGGGCCAAGCAGACTATGATCCCGTCACTCCATAT
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ACCCAGTTTCTCAGAAGGAAGAGACTCAGCCACAATCTACTGCTCCATACGAAAACCTCAGGTGGTG
CCACCACCACAACAGAATGATCTTGAGATTCTGAAAGTCTACCTATGAAAATTCACCTGA
  
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001261456
Insert Size:	1926 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:	<u>NM_001261456.1</u>
RefSeq Size:	2508 bp
RefSeq ORF:	1926 bp
Locus ID:	4063
UniProt ID:	<u>Q9HBG7</u>
Cytogenetics:	1q23.3
Protein Families:	Transmembrane
MW:	70.7 kDa
Gene Summary:	<p>LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490) (Graham et al., 2006 [PubMed 16365421]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (3) uses an alternate splice site in the 3' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (c) is shorter than isoform a.</p>