

## Product datasheet for **SC333399**

### CD24 (NM\_001291737) Human Untagged Clone

#### Product data:

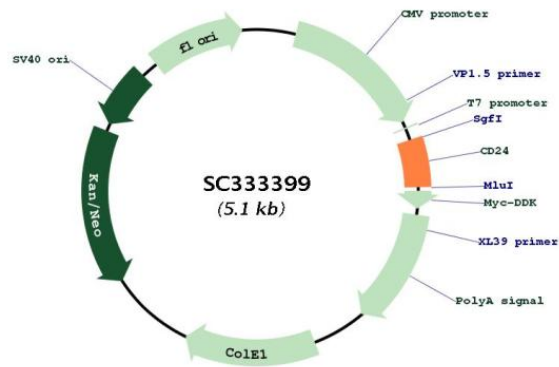
Product Type:	Expression Plasmids
Product Name:	CD24 (NM_001291737) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD24
Synonyms:	CD24A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333399 representing NM_001291737. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCAGAGCAATGGTGGCCAGGCTCGGGCTGGGGCTGCTGCTGCTGGCACTGCTCCTACCCACGCAG
ATTTATTCCAGTGAAACAACAACTGGAACTTCAAGTAACTCCTCCAGAGTACTTCCAACTCTGGGTTG
GCCCAAATCCAACTAATGCCACCACCAAGGCGGCTGGTGGTGCCTGCAGTCAACAGCCAGTCTCTTC
GTGGTCTCACTCTCTTCTGCATCTCTACTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001291737

**Insert Size:** 243 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:**

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\\_001291737.1](#)

**RefSeq Size:** 2440 bp

**RefSeq ORF:** 243 bp

**Locus ID:** 100133941

**UniProt ID:** [P25063](#)

**Cytogenetics:** 6q21

**MW:** 8.1 kDa

**Gene Summary:** This gene encodes a sialoglycoprotein that is expressed on mature granulocytes and B cells and modulates growth and differentiation signals to these cells. The precursor protein is cleaved to a short 32 amino acid mature peptide which is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. This gene was missing from previous genome assemblies, but is properly located on chromosome 6. Non-transcribed pseudogenes have been designated on chromosomes 1, 15, 20, and Y. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]  
Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3 and 7 encode isoform a.