

Product datasheet for **SC333774**

CD24 (NM_001291739) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD24 (NM_001291739) 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: >SC333774 representing NM_001291739.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

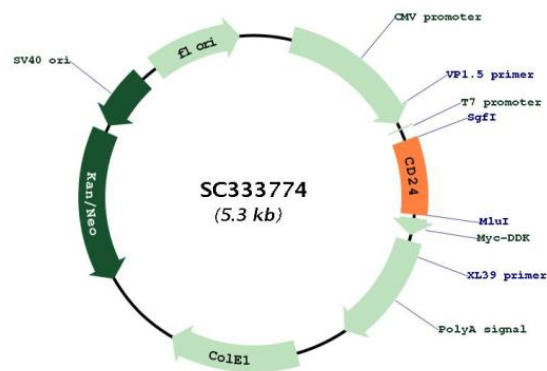
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GTCGTTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGGGACGATTCTGTCCCGAGTCCCGCCAGGCTTTGTTCCGGTTCGCCGCTACCAGCGCGGTCTCC
CTAGATCCTCCATCCGGGAACTCGCCCCGGGTGCGGGTACCGGGGCCGCGCAGCGCTGCCTCGAGG
GTGTATGGATGCACCGCGCCGGGAGAGAGACCGGGGCTGGGCCTGGGAGACCTAGCGGGGGCGGGG
GCGAAGAAGATTTATTCCAGTGAACAACAACCTGGAACCTCAAGTAACTCCTCCAGAGTACTTCCAAC
TCTGGGTTGGCCCAAATCCAATAATGCCACCACCAAGGCGGCTGGTGGTGCCTGCAGTCAACAGCC
AGTCTCTCGTGGTCTCACTCTCTTTCTGCATCTCTACTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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Plasmid Map:



ACCN: NM_001291739

Insert Size: 390 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_001291739.1](#)

RefSeq Size: 2374 bp

RefSeq ORF: 390 bp

Locus ID: 100133941

UniProt ID: [P25063](#)

Cytogenetics: 6q21

MW: 13 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 (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is longer than isoform a.