

## Product datasheet for **MC206487**

### Darc (BC005583) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Darc (BC005583) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Darc  
**Synonyms:** FY, GPD, CCBP1, CD234  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC005583  
 AGAGAAGTCATTAGCCCTGGGCACCTTATCTTGGAGCCACAGCTGCTGACAGAGTCCAGGCCCTGTACTTC  
 TCTGCCCTGAGCCTGCAGTGCCATGGGGAAGTGTCTGTATCCGGTGGAAACCTTTCAGTACACAAGAAT  
 GGAAGTCAAGTTTACTTTGACAGCTGGAATTATTCGTTTGAAGATAACTACTCCTATGAAGTCTCGAGTG  
 ACTACAGCCTGACACCAGCTGCTCCCTGCTACTCCTGTAATCTGCTTGACAGGTCTTCCCTGCCCTTCTT  
 CATGCTCACCAGTGTCTGGCATGCTGGCAAGTGGCAGCATCCTCTTCGCGATTCTCAGACCTTCTTCTC  
 CACTGGCAGATTTGCCCCAGCTGGCCATTCTGGCAGAGTTAGCAGTGGGCAGTGCCTGTTTCAGCATTG  
 CAGTGCCCATCCTGGCACCAGGCTTACACAGCGCCACAGCACAGCCCTATGCAACCTGGGCTACTGGGT  
 ATGGTACTTCTGCTTTTGCCTAAGCTCTGTTGATAGGATGCTATGCTTGCCTGAATCCCAGACTGAAT  
 ATGGTCAACTCCGTGGCTTACCTTGGGACTCAGTGTGGGACTTTGGGAGCAGCTGCCCTCTCAGGGC  
 TGCCAGTCGCCCTGGCCAGTGATGTTTACAATGGCTTCTGCACCTTCCATCCTCCAGAGACATGGAAGC  
 TTTGAAGTACACTCATTATGCCATCTGTTTACCATCTTCACTGTATTGCCACTGACTCTTTTGGCAGCC  
 AAGGGGCTGAAGATAGCACTGAGCAAGGGGCTGGCCCTGGGTTAGTGTCTTGTGGATCTGGTTCAATT  
 TCTGGTGGCTCATGGGATGGTTCTCATATTTGATGCTTTGGTGGAGTCCAAAAGTCTTCTGTATAC  
 ATGTCAATCCCAGAAGATTCTTGATGCGATGCTGAATGTGACAGAAGCCCTGAGTATGCTGCACTGTGTG  
 GCTACCCCACTGCTCCTGGCCCTGTTCTGCCATCAGACCACCCGTAGATCCTTGTCTCACTCTCCCTCC  
 CTACAAGACAGGCTTCTCAAATGGATGCCCTTGCAGGCAAGTCTAGTTTTGTTTTGTTTTTCCCTACA  
 TGTCAACTTAAATTAAGTCTATACTGCTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI  
**ACCN:** BC005583  
**Insert Size:** 1005 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC005583</a></u> , <u><a href="#">AAH05583</a></u>
<b>RefSeq Size:</b>	1179 bp
<b>RefSeq ORF:</b>	1005 bp
<b>Locus ID:</b>	13349
<b>Cytogenetics:</b>	1 80.33 cM
<b>Gene Summary:</b>	<p>Atypical chemokine receptor that controls chemokine levels and localization via high-affinity chemokine binding that is uncoupled from classic ligand-driven signal transduction cascades, resulting instead in chemokine sequestration, degradation, or transcytosis. Also known as interceptor (internalizing receptor) or chemokine-scavenging receptor or chemokine decoy receptor. Has a promiscuous chemokine-binding profile, interacting with inflammatory chemokines of both the CXC and the CC subfamilies but not with homeostatic chemokines. Acts as a receptor for chemokines including CCL2, CCL5, CCL7, CCL11, CCL13, CCL14, CCL17, CXCL5, CXCL6, IL8/CXCL8, CXCL11, GRO, RANTES, MCP-1 and TARC. May regulate chemokine bioavailability and, consequently, leukocyte recruitment through two distinct mechanisms: when expressed in endothelial cells, it sustains the abluminal to luminal transcytosis of tissue-derived chemokines and their subsequent presentation to circulating leukocytes; when expressed in erythrocytes, serves as blood reservoir of cognate chemokines but also as a chemokine sink, buffering potential surges in plasma chemokine levels (By similarity). [UniProtKB/Swiss-Prot Function]</p>