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Product datasheet for MC200359

Dscr3 (NM_007834) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dscr3 (NM_007834) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dscr3
Synonyms:	AW538125; Dcra
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC003740 sequence for NM_007834
GCGGCCTTTGCGGATAATCTGAGATGGGGACCACTCTGGACATCAAGATTAAAAGAGCGAATAAAGTGTA
TCACGCCGGGGAAATGCTCTCTGGTGTGGTGGTCATCTCTAGCAAGGACTCAGTCCAGCACCAGGGAGTC
TCTTTGACAATGGAAGGGACTGTAAACCTCCAGCTCAGTGCCAAAAGTGTGGGTGTGTTCGAAGCCTTTT
ACAACTCTGTGAAGCCGATCCAGATTATCAACAGCACCATAGACGTGCTGAAGCCAGGAAAGATTCCCAG
TGGCAAGACTGAGGTCCCCTTTGAGTTCCCACTGCTTGTGAAAGGCAGCAAGGTCCTGTATGAGACTTAC
CACGGCGTGTTTGTCAACATTCAGTACACACTGCGCTGTGACATGCGGCGGTCCCTGTTGGCCAAGGACC
TGACCAAGACCTGTGAATTCATCGTTCACTCTGCCCCTCAGAAGGGGAAGTTGACCCCAAGTCCTGTTGA
CTTCACGATCACTCCGGAAACCTTGCAGAACGTCAAAGAGAGAGCTTCACTTCCCAAATTCTTCATTAGA
GGACATCTGAACTCCACTAACTGCGCTATCACGCAGCCCCTGACAGGAGAGCTGGTGGTGGAACACTCGG
ATGCTGCTATCCGGAGCATAGAGCTTCAGTTGGTCCGGGTGGAGACCTGTGGGTGTGCAGAAGGCTATGC
ACGAGATGCCACAGAGATTCAGAATATTCAAATCGCTGATGGGGACATTTGTAGAAACCTTTCTGTTCCC
CTGTACATGGTCTTCCCCAGACTGTTCACCTGTCCAACACTGGAGACCACCAACTTCAAAGTGGAGTTTG
AGGTCAATGTGGTGGTCCTCCTTCATGCTGACCACCTCATCACTGAGAACTTTCCGCTGAAGCTCTGTCG
GACATAGTCCAGCTGCAGGAAGGGGAGAGCCAGAATGGCCATGTGGACATTGACCCAGTCATCTGCTCAC
ATGGGGACGTCACACAGACCACCTGCTCACAGGCATCACATCAGCAGCATACATCTTCATGTCTTCTCAT
GGCCTCAAAGCTTGTTCCCTGCAGGTGCCTTACCTCAGCCCTCACGTCTGGAATGCAACAGGATTTCTCC
TGTGTGTTGCAAGATCACAGAAAGCGTTCCCAATGGCTCCAGATGTGCCTGTTTCTTCTTAGGTTCATTA
AGCAGTGTGTCTGCACATTAAGATGGGCTGCCTAGTGAGATCATGGAGGCAGAAGAGAGCCCCCACCCCT
CTATCTTGCCCAGACTCCTGACAGCAAAGAGTCAGCAACCAGCAAGCTCTCTGATTGAGTCTGTGATCCC
CTCCAAGGAGTGACAGTGACTTCATCTGGGAATACGGAGTTTTCCCTTCTTGACATCTTGATAGTGTTTC
ACTAAAGCCTCTAAATGTTTTAGGGCACTGGAAATAAAAACCAACAAATAGTCCTGGTTCTCACAGAGGG
AGAATGGTGAACAGTGGCTGTCGCTGGAGTGTTTGTGTGTGTGGTACTGGCACACAGTTAATGCTGCCAT
ATTCCCAGAATGTATTGAGAGACAAGGTGCTTGCATAAGGGGAAGAATGCACATGGACTACTGGTAAGTA
CTAGGTTCTGAGTGACAGGACACCGTGCTGAGGAAGGGCAATGGCCTTGGCCTGTCCCTGACCCCCTGGG
TCACATGGCTTTAGCCTCACACTGTAACTCATACTGTATGGAGGGTATGTTGCAATACTTTGCTTCCTTC
GAATCTCGCTGTTGTTCTGTTGGTCCAGAGTTAATGAGCGCCCTGTACACCAGCTGGCCTGCCTTCACAG
GTTCTGGGGGGCAGGCCGAGGCAAAGCAGGCCCGACTGGCAGCCTCCTGGCTGCACTCCCACTGTTCTGA
ACAGCTGAGGGAACTGGGGCACTGCTGCTGGGGCCTCACCAGGGAAACTGAGAAGACTTAGCTGAGTCAC
CTGACAGTGAGTTCCCAGAGAATGTACTTTTGCTTTGTCATACTTATCCTTGTTATATTTAAACAATCTA
GTACCCAAAAAATGTGGGCCGTACTTTCTAGTGAGTCTAAGGAAAAGTCATCTTTGATTACATAATTTTT
TTAATGAATAAAGAAAGCTAAACAAGAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_007834

Insert Size: 894 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:	BC003740, AAH03740
RefSeq Size:	2141 bp
RefSeq ORF:	894 bp
Locus ID:	13185
UniProt ID:	O35075
Cytogenetics:	16 C4
Gene Summary:	Acts as component of the retriever complex. The retriever complex is a heterotrimeric complex related to retromer cargo-selective complex (CSC) and essential for retromer-independent retrieval and recycling of numerous cargos such as integrin alpha-5/beta-1 (ITGA5:ITGB1). The recruitment of the retriever complex to the endosomal membrane involves CCC and WASH complexes. In the endosomes, drives the retriever and recycling of NxxY-motif-containing cargo proteins by coupling to SNX17, a cargo essential for the homeostatic maintenance of numerous cell surface proteins associated with processes that include cell migration, cell adhesion, nutrient supply and cell signaling.[UniProtKB/Swiss-Prot Function]