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Product datasheet for MC214450

March3 (NM_177115) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	March3 (NM_177115) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	March3
Synonyms:	6330411I15Rik; A530081L18Rik; AI843639; MARCH-III
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214450 representing NM_177115 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGACAACCAGTCGCTGCAGTCACCTGCCCGAAGTCTTGCCAGACTGCACCAGCTCAGCCGCGCCTGTGG TGAAGACGGTGGAGGATTGTGGCAGCCTAGTGAATGGGCAGCCACAGTATGTCATGCAAGTTTCAGCCAA GGACGGGCAGCTGCTGTCAACAGTAGTGCGGACTCTTGCCACCCAGAGCCCCTTCAATGACCGGCCAATG TGCAGGATCTGCCATGAGGGAAGCAGCCAAGAGGACTTACTCTCTCCGTGTGAATGTACTGGGACCTTGG GGACCATCCATCGGAGCTGCCTGGAGCACTGGCTGTCATCCTCAAATACCAGCTACTGTGAACTCTGCCA CTTCAGGTTTGCAGTGGAGCGCAAACCCAGGCCGTTAGTGGAGTGGCTTAGAAACCCTGGCCCCCAGCAT GAGAAGCGGACTCTGTTTGGAGATATGGTGTGCTTCTTGTTTATAACGCCCCTGGCTACCATCTCAGGCT GGCTGTGCCTGCGGGGGGCCGTGGATCACCTGCACTTTAGTAGCCGGCTGGAGGCCGTCGGACTCATTGC CCTCACTGTGGCACTCTTCACCATTTACCTCTTCTGGACACTAAGGCGTTATGGACACCAAAGTAAACCA TTTTGGAATCAGTCGAGCAGAAGCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_177115
Insert Size:	657 bp

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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_177115.2, NP_796089.1
RefSeq Size:	1754 bp
RefSeq ORF:	657 bp
Locus ID:	320253
UniProt ID:	Q8BRX9
Cytogenetics:	18
Gene Summary:	E3 ubiquitin-protein ligase which may be involved in endosomal trafficking. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.[UniProtKB/Swiss-Prot Function]

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