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Product datasheet for MC203311

Elmo3 (NM_172760) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elmo3 (NM_172760) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Elmo3
Synonyms:	9930107J06; BC058752; CED-12; Ced12
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC058752
GGCCTCGGAGCCCGATCAGGAGTGGGAACCTGGGCTGTGAGTGCAGGCTACAAGTCCTAGACCCTAGACC
GGGTGCACTCTCGGCGGGAGGTGGCACATTAGTGCCAAGTGCCAGCGGCCACCGCGGCTGGACTATGGCG
CCCCCGCGGAATGTGGTGAAGATTGCTGTTCAGATGTCTGACGCCATCCCACAGCTTATCCAGCTAGACC
AGGCAAAGCCCCTGGCCACTGTACTGAAGGAGGTGTGTGACGCGTGGAGCCTGACTCATCCGGAGCACTA
TGCCCTGCAGTTTGCTGATGGGCACAGGAAATACATCACAGAGAATAACCGCTTGGAGATCAAGAATGGA
AGCATCCTGTGTCTCAGCACTGCCCCAGATCTGAAGGCCCAGCAGCTACTGGGTAGACTGCAGAATACAA
GTCGTGAAGGGTGCTGTGAAGTCCTGAGAAACCTGGTCCTGCTGGCCTCAGACATGACCTTTGCCCAGGA
GGTCATCAGTCGTGATGGGCTTCAGAAACTAAGCACCATCATTGAAAATGGGGATGACCTAGGGGAGATG
CTGGCCCTTGGTCTAAGGGCTTTCTTGGAGCTCATGGAACACGGTGTAGTGTCCTGGGAGACACTCAGCA
TCTCCTTTGTCAGGAAGGTGATATCTTATGTGAACATGAACCTGATGGATGCCTCTGTCCAGCCCCTGGC
TCTGAGACTGCTGGAGAGTGTGACCTTGAGCAGTCCTGCCCTGGGCCAGCTGGTGAAGAGTGAGGTGCCA
CTGGATAGGCTGCTGGTGCACCTGCAAGTAATGAACCACCAGCTGCAAACCAAGGCCATGGCTCTGTTGA
CGGCCCTGCTGCAGGGAGCCAGCCCCACTGAACGCAAGGAAATGCTTGACCACCTATGGAAGAAGAATCT
TCGCCAGTTCATCTACAAGAACATCATCCACAGTGCAACACCCATGGGTGACGAGATGGCTCATCACTTG
TATGTGCTGCAGGCTCTTACCCTAGGGCTGCTGGAGCCACGGATGCGGACACCACTTGATCCCTACAGCC
AGGAACAGCGGGACCAGCTGCAGGCTCTGCGCCAGGCAGCCTTTGAACCAGAGGGGGAGTCCTTGGGCAC
AGGGCTCAGTGCAGACCGCCGCCGGTCTCTCTGTGTCCGAGAGTTCCGCAAGTTAGGCTTCTCTAACAGC
AACCCAGCCCAGGACCTGGAGCGTGTGCCCCCCGGCCTGCTGGCCCTGGACAATATGCTCTACTTCTCCA
GACATGCACCAAGTGCATACAGTCGGTTTGTGTTGGAGAACAGTAGCCGAGAGGACAAGCATGAATGCCC
CTTTGCCCGGAGCAGCATCCAGCTGACAGCGTTGCTGTGTGAGCTGCTCCGTGTTGGGGAGCCTTGCTCC
GAGACAGCCCAGGACTTCTCGCCCATGTTCTTCAGCCAAGACCACAGTTTCCATGAGCTCTTCTGTGTGG
CTATCCAGCTACTGAATAAGACCTGGAAGGAGATGCGGGCAACACAGGAAGATTTTGACAAGGTGATGCA
AGTGGTTCGGGAGCAGCTGGCCCGTACCCTGGCTCTGAAGCCCACCTCCCTGGAGCTCTTTCGAACCAAA
GTGAATGCCCTCACCTATGGGGAAGTGTTGAGGCTGCGGCAGACAGAGCGGCTGCACCAGGAGGGCACGC
TGGCCCCTCCTATACTGGAATTGCGAGAGAAACTGAAGCCAGAGCTCATGGGCTTAATCCGCCAGCAGCG
TTTGCTCCGACTCTGTGAAGGAATGCTCTTCCGCAAGATCAGCAGCCGGAGACGACAGGACAAGCTATGG
TTTTGCTGTTTATCCCCCAACCACAAAGTACTGCAGTATGGGGATGTGGAGGAGGGTGCCAAGCCCCCTA
CCCTAGAAAGCCTACCTGAACAGCTCCCTGTGGCAGACATCAGGGCACTCCTAATGGGCAAGGACTGCCC
CCATGTCCGGGAGAAGGGCTCTGGGAAGCAGAACAAGGACCTGTATGAGCTGGCTTTCTCCATCAGCTAT
GACCACGGGGAGGAAGAAGCATACCTCAACTTCATTGCCCCCTCCAAACGGGATTTCTACCTGTGGACAG
ACGGGCTAAGTGCCCTGCTGGGCAGTACCATGGGCAGTGAGCTGACTCGGCTAGACCTGGAGCAGCTGCT
CACTATGGAGACCAAGTTGCGGTTGTTGGAACTGGAGAACGTGCCCATTCCTGAGCAGCCTCCCCCAGTA
CCCCCACCCCCTACCAACTTTAACTTCTGCTATGACTACAGCATCACTGAGCCGTGACTCAAGTTAGGCC
ACAGTTGATACTGCTATAGCAGCCACGAAATCACAGACAACCTGACTAGGAGAGCCTCTAACAGAAATAA
AGTTAGCCTGGCTTATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_172760

Insert Size: 2163 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:	BC058752, AAH58752
RefSeq Size:	2427 bp
RefSeq ORF:	2163 bp
Locus ID:	234683
UniProt ID:	Q8BYZ7
Cytogenetics:	8 D3
Gene Summary:	Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in association with DOCK1 and CRK. Was initially proposed to be required in complex with DOCK1 to activate Rac Rho small GTPases. May enhance the guanine nucleotide exchange factor (GEF) activity of DOCK1 (By similarity).[UniProtKB/Swiss-Prot Function]