

Product datasheet for **MC202040**

Diablo (NM_023232) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Diablo (NM_023232) Mouse Untagged Clone
Tag: Tag Free
Symbol: Diablo
Synonyms: 0610041G12Rik; 1700006L01Rik; AU040403; Smac
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC054109 sequence for NM_023232
GACAAGAGGTAATCCGTCGGCGTCGGTCCGCCGGGATGGCGGCTCTGAGAAGTTGGGTGACTCGGAG
CGTCTGCTCTGTTCAGGTACAGACAGCGTTTTCTGTCTTGGCTAACTCTAAGAAACGCTGTTTCTCA
GAATTGATAAAACCATGGCACAAAACCTGTGTTGACTGGATTTGGCATGACTGTGTGCGGTTCCCTATTG
CTCAGAAATCGGAGCCTCAGTCTCTCAGTAACGAAGCATTGACGAGGAGGGCTGTGTCTTTGGTAACAGA
TAGCACCTCTACCTTTCTGTCTCAAACCACCTACGCGCTGATTGAAGCAATCACCGAGTATACTAAGGCT
GTTTACACGTTAGTGTCTCTGTACCGACAATATAACAAGTTTACTTGGGAAGATGAATCCAGGAGGAAG
ATGAGGTGTGGCAGGTAATTATAGGAGCCAGAGTTGAGATGACTTCAAACAGCAGGAATATTTGAAGTT
GGAGACCACTGGATGACAGCGGTTGGCCTTTAGAGATGGCTGCTGAGGCTGCCTATCAAACCTGGAGCA
GATCAGGCCTCCATAACTGCCAGGAATCACATCCAGTTGGTGAAGTACAGGTACAGGAGGTGCGCCAGC
TCTCCCAGAAGGCAGAAACCAAGTTGGCTGAAGCACAGACAAAAGAGCTGCACCAGAAAGCACAGGAAGT
GAGTGATGAGGGGCTGACCAGGAAGAGGAGGCCACCTGCGTGAAGATTGAGGGCCTGAGCCCAGTGCC
CTGTCCATCCACTCTGTGGGAAAGCGGTGGTGGTATCCACCTAATGTTGTCCCAGCTCTGCAGAGCTA
ACAGTCCCTGCCATTGACAGTACAGCCAGAGCCTTCTGTGAGCTGTGCCTGGCCCCCTGTCTGCTCACACC
CTCTGTGCTGTTCTTAGCTCTGGGCGTGGCTCAGCACTGTCCCTCAGCACTGCTCCTCTCTTGCTGAT
CTTTTAGCTCACACCAAAGCATTTACCAACCTGGGCCAACAGAGGAGGGGCTTTCTGCCACACCTT
TAAGTTCAGTAGCTGTTAACTACAGTTTTTAATGTTACTCGGATGTTCAAGTGTGATTTAGTGCTTGCT
TCTCCACAGGGAAGTGGGGGCTTGTCTGGTTTGAACATTTCTGTGTTTATAATGTCTTTCTCCCTGT
GAGCACAGCTCAGCTATGGAGTTACTCAGGGCGTGAACAGCTCACCTGGTGTCTCCACAGGCCCTTCTC
TAACACGTACTTCTTTGTTTCCTTTCTTTGAATTTCTCTGCTGTATCCAAGGAAGAGAAGTTTAGTGT
TTGCATTAATAAAGAGAGATTGAGAGTGAGAGTGTCTTCAGGCTGTCTGCAGCGTCTTCTCTGCTC
CCTAGGCAGTGGGAGCTGGGGCCCTGGGGTCTAAGGCTCCCTGGCAGCTGACTCCCATTACAGCACA
TGCTAGAGAAGTTTGCCAGGTTTCAGCACTTTTAAATAAATAAGGTTGTTAGCATAAAAATAAAGATCAT
TTCCTGCTGACCACCAAAAAAAAAAAAAAAAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_023232
Insert Size:	714 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:	<ol style="list-style-type: none">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:	BC054109 , AAH54109
RefSeq Size:	1639 bp
RefSeq ORF:	714 bp
Locus ID:	66593
UniProt ID:	Q9JIQ3
Cytogenetics:	5 F
Gene Summary:	Promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. Acts by opposing the inhibitory activity of inhibitor of apoptosis proteins (IAP). Inhibits the activity of BIRC6/bruce by inhibiting its binding to caspases (By similarity).[UniProtKB/Swiss-Prot Function]