

Product datasheet for MC204295

Mien1 (NM_025559) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mien1 (NM_025559) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mien1
Synonyms:	1810046J19Rik; A1463380; Rdx12
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC021589 GCAGCCCTGCAGCGGAGCGGGCAGCAATGAGTGGGGAGCCAGCGCCGGTGTCCGTAGTGCCCCCTCCCGG GGAGGTGGAAGCAGGCAGTGGAGTCCACATCGTGGTGGAGTACTGTAAACCCTGCGGCTTTGAGGCGACC TACCTGGAGCTGGCGAGCGCTGTGAAGGAGGAGTATCCGGGCATTGAGATTGAGTCGCGACTCGGGGGGA CAGGGGCTTCGAGATTGAGATCAATGGACAGCTGGTGTCTCCAAGCTGGAGAATGGAGGGTTTCTTTA TGAGAAAGACCTCATGGAAGCCATCCGAAGAGCCAGCAATGGAGAACCTGTAGAAAAGATACCAACAGC CGGCTCCTGTGTCATCCTGTGACTAAGAAATGATTCTTGAAGCTTGGTTCTGGGGTTTAAACCTTTCT CTTGTGGTTACGCTAGGAATCCCTCTACCTTTAGCCCTCACTTGGCCCTAGGTAAGACCCTGACT TCACTTTGCCTCTTAGGGCACAAGGAGGGACTAGACATTTCTGTGGCCAAAGGCAGAAAAGAGATGTTCT CTGTGAACATCACCATCGCTCTCCGGGATCTGTGCCCTCTGCAGTTGGTCTCTCCCAGCGTGGCAA TACCTTTCAGATGCCACGTTGCTATAACTTATTTCCCTGAATCCTGGCAGTGTGGCTCTTGCAAT AAAGAGTAATTACAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_025559
Insert Size:	348 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).



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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: [BC021589](#), [AAH21589](#)

RefSeq Size: 728 bp

RefSeq ORF: 348 bp

Locus ID: 103742

UniProt ID: [Q9CQ86](#)

Cytogenetics: 11 D

Gene Summary: Increases cell migration by inducing filopodia formation at the leading edge of migrating cells. Plays a role in regulation of apoptosis, possibly through control of CASP3. May be involved in a redox-related process (By similarity).[UniProtKB/Swiss-Prot Function]