

Product datasheet for RN202716

Miip (NM_001017450) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Miip (NM_001017450) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Miip
Synonyms:	lip45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202716 representing NM_001017450 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGACTAAAGATACTGTCCAGCTTCGACTGCTCAGCCTGGAGCTCCTGAAGCAGCTTTGGGCTG
GGCAGGAGCCATGTGTCACTAGTGACCAGAGCAGCATCAGAGTCAAACCTGGACTATAGCAGCAGCAG
CAACAACCTAGAGATGCCACTGTCCAAGAGACTTCTGCTTCTCAGTGGCCCCAACTCACAGGACAAA
AGACACGTGTGGACCCATTGGACAGTCATCGAGGTGACACTTATGATGTGGCCTGGTATGGCAAAGTCA
ACTCCAGGGTGGACTCTCTCCACCTGCCACATGCCAACACCAGGAGCCCAGGAAGGACTACGGCCCTC
CTCAGTACCCTTGCTAGCCACTGAAGGTCTGAAGCGGCCAGTGTCTTTGGGAGGCCAAAAGGTCTGGGG
CCTGACAAGGCACAGGTCCCAAGTCCCTCCCGTTACGACTAGGCAAGCTGTCTAAGCCAAAGTGACCT
TCTCCAGGAGTCTTCACTGCCTGAGAGCAGCTGGTACTCTAGGCCATGCCTAGACTATGATTGGACCGC
AGGGTCCCTGGACAGTAGCTCTCCCGTCAGTAGTGAATCCGAAGCCTACTTCTCTATGCTGCAGAGGTTT
CGAGAGGACAACAGAGAGGATTGTGTTGCAATCCCTGAAGCTGTATTCCAGAGCTGCAAGAGAGCA
GTGGTGTGGAAGAGGACCATGAGTGTGTACTGTTACCGCATCAACCGCCGCTGTTTCTGAGCCTCT
GGATCCGGGTGCCCTTGCTGTCTGTGTGGGATACCCCGGATGAGCAGGGCCCTCAAACCTGGTAGAG
CCAGTACAAGTCAGGGTGAGCATCCCCCTGTCCATCATGGACCCTCCACACCAGTACCGAATTCACAGAA
GGAAGAGCTTTGATGCATCTGACACTTTTGTCTGCCTCGCACTGTCTGCTGGGCTGGGACATCCTGCC
TCCAAAGTCAGAGAAAACCTCTGTCCCCAAGAGCCTGGACCTCTGGTCTCTGTGTCCCATGGAGCAGCA
CAGCGCCGGAATCTGTCAGCCACAAACCATCCTATCAGGCCTTGCGATCACGGGTCCCACCACCTTTCT
GGTCAGAGCCTCAGGTTGCCCGCTCTGTCCCTCCACTAG

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001017450
Insert Size:	1161 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:	<u>NM_001017450.1</u> , <u>NP_001017450.1</u>
RefSeq Size:	1621 bp
RefSeq ORF:	1161 bp
Locus ID:	298643
UniProt ID:	<u>Q6AYH0</u>
Cytogenetics:	5q36
Gene Summary:	Inhibits glioma cells invasion and down-regulates adhesion- and motility-associated genes such as NFKB2 and ICAM1. Exhibits opposing effects to IGFBP2 on cell invasion (By similarity). [UniProtKB/Swiss-Prot Function]