

Product datasheet for RN202543

Mip (NM_001105719) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mip (NM_001105719) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mip
Synonyms:	Aqp0
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202543 representing NM_001105719 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGGAACTTCGGTCTGCCTCCTTTGGAGGGCCATATTTGCTGAGTCTTTGCTACCTCTTCTATG
TCTTCTTTGGGCTGGGATCCTCACTGCGTTGGGCCCTGGACCCCTACATGTCCTGCAAGTGCTTTGGC
CTTTGGCCTGGCCCTGGCCACACTGGTGCAGACTGTGGGTACATCAGTGGAGCCCATGTCAACCTGCG
GTCACCTTTGCCTCCTTGTGGGCTCCCAGATGCCTTGCTCCGTCTTCTGCTATATAGCAGCCAGC
TTCTGGGAGCTGTGGCTGGAGCGCTGTGCTGTACAGTGTACCCACCAGCTGTCCGAGGAAACCTAGC
ACTCAACACGCTGCATGCTGGGGTAAGCGTGGGCCAGGCCACCACTGTGGAGATCTTCTGACGCTCCAG
TTCTGCTCTGCATCTTTGCTACGTATGACGAGAGCGGAATGGCCGCATGGGCTCTGTGCCCTGGCTG
TTGGCTTCTCCCTCACCTGGGGCACCTCTTTGGGATGTATTACTGGCGGGGATGAATCCCGCCCG
CTCCTTTGCTCCTGCTATCCTCACCAGGAATTCAGCAACCACTGGGTGTACTGGTGGGCCCAATCATC
GGCGGGGCTGGGCAGCCTGCTCTACGACTTTCTCCTTCCCACGGCTCAAGAGTGTCTGAGAGAC
TGTCTATCCTCAAGGGAGCCAGACCCAGTACTCCAATGGACAGCCAGAGGGTACAGGGGAACTGTGGA
ACTGAAGACTCAGGCCCTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001105719
Insert Size:	792 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:	<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_001105719.1</u> , <u>NP_001099189.1</u>
RefSeq Size:	2431 bp
RefSeq ORF:	792 bp
Locus ID:	25480
Cytogenetics:	7q11
Gene Summary:	human homolog is a member of the aquaporin family of water transporters [RGD, Feb 2006]