

Product datasheet for **RN209185**

Mup4 (NM_198784) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mup4 (NM_198784) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mup4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209185 representing NM_198784 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGCTGTTGCTGCTGCTGTGTCTGGGCCTGACCCTGGTCTGCGCCATGCAGAAGAAGCTAGTT
 CTGTGAGAGGGAACTCGATGTGGACAAGCTCAATGGGGATTGGTTTTCTATTGTTCTCGCTCTGACAA
 AAGAGAAAAGATAGAAGAGAACGGCAGCATGAGAGTTTTATGCAGCACATCGATGTCTTGAGAAATTCC
 TTAGGCTTCAAGTTCCATATTAAGAAAAATGGAGAGTGCAGGGAAGTATATTTGGTTGCCTACAAAACGC
 CAAAGGATGGCGAATATTTGTTGAGCATGACGGAGGGAATACATTTACTATACTTAAGACAGACTATGA
 CAGATATGTCATGATTCACCTTGTAAATGTCAAGAACGGGGAAACTTTCCAGTTGATGTTGCTCTACGGC
 AGAACAAAGGATCTGAGTTCAGACATCAAGGAAAAGTTTGAAAACTATGTGTGGCACATGGAATACTA
 GGGACAATATCATTGACCTAACCAAGACTGATCGCTGTCTCAAGGCCGAGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_198784
Insert Size:	546 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).


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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:	<u>NM_198784.1, NP_942079.1</u>
RefSeq Size:	774 bp
RefSeq ORF:	546 bp
Locus ID:	362527
Cytogenetics:	5q24
Gene Summary:	member of the lipocalin family of proteins involved in transport of small, hydrophobic molecules [RGD, Feb 2006]