

Product datasheet for MR216436

Mup1 (NM_001163010) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mup1 (NM_001163010) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mup1
Synonyms: Ltn-1; Lvtn-1; Mup-1; Mup-a; Mup7; Mup10; Up-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR216436 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAGATGCTGCTGCTGCTGTGTGTGGGACTGACCCTAGTCTGTGTCCATGCAGAAGAAGCTAGTTCTA
 CGGAAGGAACCTTAATGTAGAAAAGATTAATGGGAATGGCATACTATTATCCTGGCCTCTGACAAAAG
 AGAAAAGATAGAAGATAATGGCAACTTTAGACTTTTTCTGGAGCAAATCCATGTCTGGAGAATTCCTTA
 GTTCTTAAATCCATACTGTAAGAGATGAAGAGTGCTCGGAATTATCTATGGTTGCTGACAAAACAGAAA
 AGGCTGGTGAATATTCTGTGACGTATGATGGATTCAATACATTTACTATACCTAAGACAGACTATGATAA
 CTTTCTTATGGCTCATCTCATTAAACGAAAAGGATGGGAAACCTTCCAGCTGATGGGGCTCTATGGCCGA
 GAACCAGATTTGAGTTCAGACATCAAGGAAAGTTTGCACAACATGTGAGAAGCATGGAATCCTTAGAG
 AAAATATCATTGACCTATCCAATGCCAATCGCTGCCTCCAGGCCCGAGAA

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216436 protein sequence
 Red=Cloning site Green=Tags(s)

MKMLLLLCVGLTLVGVHAEASSTGRNFNVEKINGEWHTIILASDKREKIEDNGNFRLFLEQIHVLENSL
 VLKFHTVRDEECSELSMVADKTEKAGEYSVTYDGFNTFTIPKTDYDNFLMAHLINEKDGETFQLMGLYGR
 EPDLSDDIKERFAQLCEKHGILRENIIDL SNANRCLQARE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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_001163010.1</u> , <u>NP_001156482.1</u>
RefSeq Size:	797 bp
RefSeq ORF:	543 bp
Locus ID:	17840
Cytogenetics:	4 32.85 cM
MW:	20.6 kDa