

Product datasheet for RN213022

Mylpf (NM_012605) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mylpf (NM_012605) Rat Untagged Clone
Tag: Tag Free
Symbol: Mylpf
Synonyms: MLC2; Myl2; Myolc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213022 representing NM_012605
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACCAAGAAGGCCAAGAGAAGGGCAGCAGCAGAAGGGAGCTCCAATGTTTTCTCCATGTTTGACC
AGACTCAGATCCAGGAGTTCAAGGAGGCTTTCACTGTAATTGATCAGAACAGGGATGGCATTATTGACAA
GGAGGATCTTCGGGACACCTTTGCGGCCATGGGCCGTCTCAATGTGAAGAATGAGGAAGCTGACGCCATG
ATGAAGGAAGCCAGTGGGCCTATCAACTTCACTGTCTTCTGACCATGTTTGGGGAGAAGCTGAAGGGTG
CGGACCCCGAGGATGTGATCACTGGAGCCTTCAAGGTCCTGGACCCAGAAGGGAAGGGCACCATCAAAAA
GCAATTCTTGAGGAGCTGCTTACCACGCAAGTGGACCGATTTTCCAGGAGGAGATCAAGAATATGTGG
GCAGCCTTCCCTCCAGATGTGGCGGCAACGTGGACTACAAGAACATCTGCTATGTCATCACACACGGTG
ACGCTAAGGACCAGGAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012605
Insert Size: 510 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).



[View online »](#)

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_012605.2</u> , <u>NP_036737.1</u>
RefSeq Size:	662 bp
RefSeq ORF:	510 bp
Locus ID:	24584
UniProt ID:	<u>P04466</u>
Cytogenetics:	1q37
Gene Summary:	amino acid sequence displays high conservation with the rabbit homolog [RGD, Feb 2006]