

Product datasheet for **MC216518**

Tymp (NM_138302) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tymp (NM_138302) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tymp
Synonyms:	2900072D10Rik; Ecgf1; PD-ECGF; PDECGF; Pdgfec
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216518 representing NM_138302
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGCTCCAGGGACACCACCTCCCTCGGCCTCAGGGGAGGAGGTGGGGAGCCAGGCAGCTGCCTG
 AGCTGATCCGCCTGAAGCGAGATGGAGGCATCTGAGAGAAGCAGATATCAGAACTTCGTGCACGCGGT
 GATAGATGGAAGAGCACAGGACACAAAATTGGGGCCATGCTAATGGCCATTCGGCTGCAGGGAATGAAC
 CTAGAAGAGACATCTGTGCTGACTCGGGCCCTGCAGAGTCTGGGCAGCAACTGGAGTGGCCCAAAGCCT
 GGCACCAGCAGCTTGTGACAAACTCCACAGGAGGTGTGGGTGACAAGTTAGCCTGTTCTGGCACC
 TGCCCTGGCTGCATGCGGCTGTAAAGTGCCAATGATCAGCGGCCGAGTCTGGGACACACAGGGGACACA
 CTGGATAAGCTGGAATCGATTCTGGGTTTCGGTGTACCCAGAGCCAGAGCAGATGCTGCACATCCTTG
 AGGAAGTCGGCTGCTGCATTGTCGGCCAGAGTGCAAAGCTGGTTCCTGCTGATGGGATCCTGTATGCTGC
 ACGAGATGTGACAGCCACTGTGGACAGTGTCCACTCATTACAGTTCATCCTCAGTAAGAAGGCCGTG
 GAGGGACTGTCCACTCTGGTGGTAGATGTTAAGTTTGGGGGAGCTGCAGTCTCCAGACCAGGAGAAGG
 CCCGAGAAGTGGCAAAGATGTTGGTTAGAGTGGGAGTGAGCCTGGGGCTGAAGGTCGCCGAGCCCTGAC
 CGCCATGGATAAACCTCTGGGCCGAGCGTGGGCCATACCCTGGAGGTGGAAGAAGCGTTGCTTTGCCTG
 GATGGTGCGGGGCCCGGATCTGCGGGACCTGGTCATTAGGCTAGGAGGCGCCATTCTTTGGATTAGCG
 GACAGGCGGAAACACAAGACCAAGGCGCCCGCCGAGTGGCCGCGGCGTTGGATGACGGCTCCGCGCGGGC
 CCGCTTCCAGCTGATGCTTTCGGCGCAGGGCGTGGACCCCGCCTAGCTAAAGCATTGTGCTCCGGGAGC
 CCCACGCAACGCCGCGAGCTGCTGCCTCACGCCGAGAGCAAGAGGAGCTGCTCGCACCCGAGCAGCGGAC
 TTGTTGAGTGCCTCCGAGCGCTGCCGTGGCCGTGTGCTGCACGACCTCGGAGCCGAGCAGCCGAGC
 GGGCAGCCGATCAGACCGGAGTGGGTGCCGAGGTAAGTTCGACGTGGGCCAGTGTGTTGCCGAGGG
 ACACCCTGGCTCCGCGTGCACCTAGACGCCCTGCGCTCAGCAGTCAGCAGCAGCAGCAGTCTCCAGGGG
 CGCTCGTGTATCAGATCGAGCACCCCTCAAGTCCCTCACCTTCGCTGAACTGTCTCCACCCGAC
 CATCGCACAGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_138302

Insert Size: 1416 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:

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: [NM_138302.1](#), [NP_612175.1](#)

RefSeq Size: 2042 bp

RefSeq ORF: 1416 bp

Locus ID: 72962

UniProt ID: [Q99N42](#)

Cytogenetics: 15 44.86 cM

Gene Summary: Catalyzes the reversible phosphorolysis of thymidine. The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis (By similarity).[UniProtKB/Swiss-Prot Function]