

Product datasheet for MC213061

Gapt (NM_177713) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gapt (NM_177713) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gapt
Synonyms:	9830130M13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213061 representing NM_177713 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTGGAATGCTTTGAGAGTTCTCCGGTGGCTGTGGCTGTAGGCGTTTCCCTCCTAGTCCTTTGCTGC
TCTGTGGGATTGGATGTGCTTGGCACTGGAATCGCAGGGAAGCACACCGTTTACCCTACCGAAGTTTAT
GCAAAGGAGAAGCAGCAGGCAGAAAGACGTCAAAAAACCGTCAGCTCGAGTGCCTACGTGATTAGCCCA
AGCATGAAAGCCTCGGTGGAAGCAAAGGCCACAAGTCTACTGCCAAGAGAAACAAGATGCATGGCAACT
ATGAAATGTGGAAGTGTGCCCTCCCTGCACTGAAGGGACAAGTGAAGGCCCTGTATGAAAACACGCA
GCCGTCTAATCTCGAGGAACACGTCTACGGAATCAAACGGACCCCTCTATTATAACTTCCAGAAACCT
AGCCCTCCTCCGCTCAAGATGACGATATATACATCCTTCCAGATTGCGAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_177713
Insert Size:	474 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_177713.3</u> , <u>NP_808381.1</u>
RefSeq Size:	2055 bp
RefSeq ORF:	474 bp
Locus ID:	238875
UniProt ID:	<u>Q8CB93</u>
Cytogenetics:	13 D2.1
Gene Summary:	Negatively regulates B-cell proliferation following stimulation through the B-cell receptor. May play an important role in maintenance of marginal zone (MZ) B-cells.[UniProtKB/Swiss-Prot Function]