

Product datasheet for MC213085

Rtp1 (NM_001004151) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rtp1 (NM_001004151) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rtp1
Synonyms:	Gm604; Gm1766
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC213085 representing NM_001004151 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGGATTTTTAGACCGTGGAGACTGCGCTGCCCTGCCTTACACTTACCCTCTTTCCACGTTCTCTA
TAAAGTGTAGTTGCCTCCTCTTCCCACTGACGAAGACATGTGTAAGAGTGTGACCACAGGTGAGTGGAA
GAAGGTCTTCTACGAGAAGATGGAGGAGGTGAAGCCAGCGGACAGCTGGGACTTCATCATAGACCCCAAC
CTCAAGCACAATGTGTTGGCCCCCTGGCTGGAAGCAGTACCTGGAACCTCATGCCTCAGGCAGGTTCCACT
GTTCTGGTGTGGCACACCTGGCAGTACCCCATGTAGTCATCCTCTTCCACATGTACCTGGACAAGGC
TCAGCGCGCTGGTTCCGTTGCGCATGCGTGTGTTCAAGCAGCTCTGCTACGAGTGCAGTACAGCACGGCTG
GATGAGTCCAGCATGCTGGAGGAGAACATCGAAAGCCTGGTGGACAACCTCATCACCAGTTTGGCAGAGC
AGTGCTACGGGGAGCGTGGTGGCCACTACCGCATCCATGTGGCCAGCCGGCAGGACAACCGGCGACACCG
CGGAGAGTTCTGCGAGGCCTGCCAGGAAGGCATCGTGCCTGGAAGCCAGTGAGAAGCTGCTGGAGGAG
GAGGCGACCACCTACACCTTCTCCCGTGTCTCCAGCCCCACCAAACCGCAGGCTGAAACAGGCTCAGGCT
GCAACTTCTGCTCCATTCCCTGGTCTTATTTGGGCCACGGTTTGTATGCTCATCATCTACCTGCAATT
CTCCTTCGGTACTTCTGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001004151
Insert Size:	792 bp



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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:	<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_001004151.2</u> , <u>NP_001004151.1</u>
RefSeq Size:	3120 bp
RefSeq ORF:	792 bp
Locus ID:	239766
UniProt ID:	<u>Q8C8C1</u>
Cytogenetics:	16 B1
Gene Summary:	Specifically promotes functional cell surface expression of olfactory receptors, but not of other GPCRs.[UniProtKB/Swiss-Prot Function]