

Product datasheet for MC209129

Otp (NM_011021) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Otp (NM_011021) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Otp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209129 representing NM_011021 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGTCTCACGCCGACCTCCTGGACGCCAGGCTAGGTATGAAAGATGCCGCCGAGCTTCTGGGCCACC
GGGAGGCGGTGAAGTGTAGGCTGGGTGTGGGGGCTCTGACCCTGGGGTCCATCCAGGGGACCTGGCACC
CAACTCGGACCCGGTGAAGGAGCCACTCTGCTGCCGGGCGAGGACATCACCCCGTGGGCTCTACCCCT
GCTTCGCTGGCGGTGAGCGCCAAAGACCCAGACAAGCAGCCGGGCCCCAGGGCGGCCCAACCCAGCC
AAGCCGGCCAAACAGCAGGGCCAAACAGAAACAGAAAGCGCCACCCGACCGTTACCCAGCACAGCTCAA
CGAATTGGAGAGGAGCTTCGCCAAGACTCACTACCCCGACATCTTCATGGGTGAGGAGCTAGCGCTGCGT
ATCGGGCTGACCGAGTCGCGGGTGCAGGTCTGGTCCAGAATCGCCGCGCCAAGTGAAGAAGCGCAAGA
AGACCACCAACGTGTTCCGCGCGCCAGGCACGCTGCTGCCACGCGGGGCTGCCCCAGTCCCCTCGGC
TGCCGCCCGCGCGCCGCCATGGGCGACAGCCTGTGCTCTTCCACGCCAACGACACCCGCTGGGCG
GCGGCGCCATGCCTGGCGTGTCCAGCTGCCGCTGCCGCCCGCGCTCGGCCGCCAGCAGGCCATGGCGC
AGTCGCTGTCCCAGTGCAGCCTGGCGGCCGGGCCACGCCCAACTCCATGGGCTTGTTCAACAGCCTGGC
GGGCTCCAACGGCGGGGCTGCAGTCGACCTCTACCAGCCCGCTTCCCAGCATGGTCCCCGCTCC
CTCCCCGGCCCCAGCAACGTCTCCGGCTGCCCCAGCTCTGCAGCTCTCCGGACAGCAGCAGTGTGGC
GGGACAGGAGCATCGCCTCCCTGCGCCGAAGGCGCTCGAGCACACAGTCTCCATGAGCTTACC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_011021
Insert Size:	978 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:	NM_011021.3 , NP_035151.1
RefSeq Size:	1182 bp
RefSeq ORF:	978 bp
Locus ID:	18420
UniProt ID:	O09113
Cytogenetics:	13 49.22 cM
Gene Summary:	Involved in the specification of hypothalamic neuroendocrine cells. Specifically required for the specification of diencephalic dopaminergic neurons of the A11 group.[UniProtKB/Swiss-Prot Function]