

Product datasheet for MC207791

Olig3 (NM_053008) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Olig3 (NM_053008) Mouse Untagged Clone
Tag: Tag Free
Symbol: Olig3
Synonyms: Bhlhb7; bHLHe20; oligo3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207791 representing NM_053008
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATTCGATTCGAGCTCTGTCTCCAGCAGAGCGTCATCTCCGGACATGGATGAGATGTACCTAAGAG
ACCACCACCACCACCACCACCACCACCATCAGGAGAGTCGTCTGAACTCGGTCTCCTCCACACAGGGCGA
TATGGTCCAGAAGATGCCAGGGAAAGCCTCTCGAGGGCAGGCGCAAGGCTGCAGGAGAAAGCAGCAAG
TACAAAATCAAGAAGCAGCTGTCGGAGCAGGATCTTCAGCAGTTGCGGCTGAAGATCAACGGACGCGAAC
GCAAGAGGATGCACGACCTGAACCTCGCCATGGATGGTCTGCGCGAGGTCATGCCCTACGCTCACGGCC
CTCGGTGCGCAAGCTCTCCAAGATCGCCACTCTGCTTCTGGCCAGAACTACATCCTCATGCTCACCAGC
TCCCTGGAGGAGATGAAGAGGTTGGTTGGAGAGATCTACGGGGGACACCACTCGGCCTTCCACTGTGGGA
CTGTGGGGCATTTCGGCCGGCCACCCGGCACACGCAGCCAACGCTGTGCACCCGGTGCACCCTATCCTGGG
CGGCGCGCTCTCCTCTGGCAATGCCTCGTCCCTCTGTCCGCGACCTCCCTGCCGACCATTGGCACCATC
CGTCTCCCACTCACTGCTCAAGGCGCCCTCCACGCCCGCCGCTACAATTGGGCAGCGGCTTCCAGC
ACTGGGCGGGGCTGCCCTGTCCCTGCACCATCTGCCAGATGCCACCACCGCCGACCTGTCCGCTCTCTC
CACCGCCAACATGGCCCGGCTTTCGGCTGAATCCAAGGACTTGCTCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053008
Insert Size: 822 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_053008.2 , NP_443734.2
RefSeq Size:	2086 bp
RefSeq ORF:	822 bp
Locus ID:	94222
UniProt ID:	Q6PFG8
Cytogenetics:	10 A3
Gene Summary:	May determine the distinct specification program of class A neurons in the dorsal part of the spinal cord and suppress specification of class B neurons.[UniProtKB/Swiss-Prot Function]