

Product datasheet for **RN203723**

Obp2b (NM_173148) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Obp2b (NM_173148) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Obp2b
Synonyms:	Obp2a; Obp2aa; Ry2g12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203723 representing NM_173148 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGAGCCGGCTCCTCACCGTCCTGCTGCTGGGGCTGATGGCTGTCTGAAGGCTCAGGAAGCCCCAC
 CTGATGACCAGGAGGATTTCTCTGGGAAGTGGTACACAAAGGCCACGGTTTGTGACAGGAACACACAGA
 TGGGAAGAGACCTATGAAAGTGTCCCTATGACTGTGACAGCCCTGGAAGGAGGGGACTTAGAGGTCCGG
 ATAACATTCCGGGGAAGGGTCATTGTCAATTTGAGACGAATTACGATGCACAAAACCTGATGAGCCTGGCA
 AGTACACTACCTCAAAGGCAAGAAGACCTTCTATACTAAGGAGATTCTGTAAAGGACCACTACATCTT
 CTACATTAAAGGCCAGCGCCATGGGAAATCATATCTGAAGGGGAAACTCGTGGGGAGAGACTCTAAGGAC
 AACCCAGAGGCCATGGAGGAATCAAGAAATTTGTAAAGAGCAAGGGATTAGAGAAGAAAACATTACTG
 TCCCTGAGCTGTTGGATGAGTGTGTACCTGGGAGTGACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_173148
Insert Size:	531 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:	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_173148.1, NP_775171.1</u>
RefSeq Size:	732 bp
RefSeq ORF:	531 bp
Locus ID:	286933
Cytogenetics:	3p13
Gene Summary:	may act as an odorant binding protein or lipophilic molecule carrier protein [RGD, Feb 2006]