

Product datasheet for **MC207353**

Phox2b (NM_008888) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phox2b (NM_008888) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Phox2b
Synonyms:	Dilp1; NBPhox; Pmx2b; Px2b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207353 representing NM_008888 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTATAAAATGGAATATTCTTACCTCAATTCCTCTGCCTACGAGTCCTGTATGGCCGGGATGGATACCT
CCAGCTTGGCTTCAGCATATGCAGACTTCAGTTCTGCAGCCAGGCCAGTGGCTTCCAGTATAACCCGAT
AAGGACCACTTTTGGGGCCACGTCGGTTGCCGTCCTCACGCCGGGATCCTGCAGCCTGGGCACCCTC
AGGACCACCAGAGCAGTCCGTACGCCGAGTTCATACAACTTTACCGACCACGGCGCCTCAACG
AGAAACGCAAGCAGCGGCATCCGCACCCTTCACAAGCGCGCAGCTCAAAGATTGGAGAGGGTCTT
CGCTGAGACGCACTACCTGACATCTACACCAGGGAAGAGCTAGCACTGAAGATCGACCTCACCGAGGCG
AGAGTCCAGGTGTGGTTCCAGAACCGCCGGCTAAGTTTCGCAAGCAGGAGCGCGCAGCCGCCGCTGCTG
CCGCCGCCGCAAAAACGGCTCCTCCGGGAAGAAGTCTGACTCCTCCCGGACGACGAGAGCAAAGAGGC
CAAGAGCACTGATCCCGACAGCACTGGGGGCCCGGACCAACCCCAACCCGACCCAGCTGTGGGGCA
AATGGCGCGGTGGCGGAGGGCCAGCCAGCCGAGCTCCGGGGCGCGGGCCCGGGGGCCCGGGAG
GCGAACCCGCAAGGGCGGTGCGGCTGCGGCTGCTGCTGACGTCGAGCGGCTGCAGCGGCTGCGGC
TCCGCGCGCGGGAGGCTGGCTGCGGCCGAGGCCCGGACAAGGCTGGGCTCCTGGCCCGGGCCCATC
ACCTCCATCCAGATTCTTTGGGGGCCCTTCGCCAGCGTCTTATCTTCGCTCCAAAGACCAACGGTG
CCAAAGCCGCCTTAGTGAAGAGCAGTATGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_008888



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Insert Size:	945 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).
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>BC079610</u> , <u>AAH79610</u>
RefSeq Size:	2857 bp
RefSeq ORF:	945 bp
Locus ID:	18935
UniProt ID:	<u>O35690</u>
Cytogenetics:	5 35.95 cM