

Product datasheet for RN215354

Brox (NM_001025669) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brox (NM_001025669) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Brox
Synonyms:	RGD1307161
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215354 representing NM_001025669 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCCACTGGTTTCATAGGAACCCATTAAGCTACAGCTCCTGTGTCCTTCAACTACTATGGCATGA
TCACTGGCCTCCTGCTCAAAGATTTGCAATGATTTGAGATCCGCCAGGACTCGGCTCCTCGAATTGTT
CACTGATTTGAGCTGTAATCCAGAAACGATGAAGAATGCCGCAGACCTGTATTTCTCTTTTACAAGGT
TTCATAAATTCAGTGGGTGACTCCACCCAGGAAAGCAAATACGATACATTCAGAATTTCAAATGGACTG
ATACATTACAAGGACATGTTCCGAGTGCCAGCAGGATGCTGTTTTCGAACTGATTTCCATGGGATTTAA
TGTAGCGCTGTGGTATACAAAATATGCTTCAAGATTGGCTGGAAAAGAAAACATAACAGAAGATGAAGCA
AAAGAAGTTCACCGAAGCCTAAAAATTGCACTGGGATTTTTAAACATTTAAAGGAAAGTCATATTTCCCA
AACTTCTGACACCAGCAGAAAAGGGGCGGGATTTAGAGGCGCGGCTCATCGATGCGTACATCATCCAGTG
CCAGGCCGAGGCTCAGGAAGTGACCATCGCCGAGCAATCGAGCTGAAGCACGCTCCGGGGCTGATCGCG
GCACTCGGTACGAAACAGCCAGCTTCTATCAGAAAGCAGATCATACTTTGTCCAGTTTGGAGCCTGCAC
ACTCTGCTAAGTGGAGAAAATACCTTCACTGAAGATGTGCTTACACGGCTTATGCGTACTGCTACCA
TGGCCAGACTCTGTTGGCGAGCGATAAATGTGGAGAAGCAATCAGATCTCTCAAAGAAGCAGAAAAATTG
TACGCAGAGGCAGAAGCCCTGTGCAAAGAGTACGGGGAGACCAAAGGGCCAGGGCCAACGGCCAAGCCAT
CAGGACACTTGTCTTTTCGGAAGCTCGGAAGCCTTGTGAAGAACCCTGGACAAGTGTGAGAGGGAAAA
TGGCTTCAATTTACTTTCAAAAAATTCCAACAGAAGCCCCACAACCTGGAAGTGAAGCGAACTATGGCCTG
GTAGAGCCTGTGCCTTTTGAATTTCTCTATGAGTGCTCTGACACCAGAAGCCTTGGCTGCATTTG
ATCTCACCAAGAGACCCAAGGATGACAGTATCAAACCAAACCGGAAGAGGAAGTGAACCTGTAAAGA
ACCAGATATCAAACCTCAGAAAGACTGGGTGCTCCGTCTCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001025669
Insert Size:	1236 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>NM_001025669.1</u> , <u>NP_001020840.1</u>
RefSeq Size:	3365 bp
RefSeq ORF:	1236 bp
Locus ID:	305031
UniProt ID:	<u>Q4V8K5</u>
Cytogenetics:	13q26