

Product datasheet for SC122911

BARX1 (NM_021570) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BARX1 (NM_021570) Human Untagged Clone
Tag:	Tag Free
Symbol:	BARX1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_021570 edited CCTCGTGCCGGGGAACTCCAGGACAGAACACGGACAGGGTCGAGGAGATACTCCCTCCC AAATCTGGGGAACGGCAACGTTGAGGAGGTCTCCATCTGCGCCACCGGCGCCGACCGGC AGGGCGTGGAGGTTTTGCGCTGGGAGGCACTGGCCAAGCGGAGCACCCCGCGGCACGT GGTGCGGCAGTCCCTGGGGCAGAGGAGCGCGGCGTAGCTCACCCGGGTCCCTATTCTCT TTCTTCGACCCGTGCTGAAGGCCGAGCAGGCGGCGGTGTTCAAGTTCCCACTGGCGCCG CTGGGCTGTTCAAGGCTGAGCTCTGCGTTGCTGGCGGCAGGGCCCGGGCTGCCGCGGCC GCGGGTGCACCACCTGCCGCTCGAGTTGCAGCTCCGCGGGAAGCTGGAGGCGGCAGGC CCTGGGGAGCCAGGCACCAAGCCAAGAAGGGGCGTCGGAGCCGCACTGTGTTACCCGAG CTGCAGCTGATGGGCCTGGAGAAACGCTTCGAGAAGCAGAAGTACCTTTCCACGCCGGAC AGAATAGATCTTGCTGAGTCCCTGGGCTGAGCCAGTTGCAGGTGAAGACGTGGTACCAG AATCGGAGGATGAAGTGAAGAAAAATAGTGTGTCAGGGCGCGGCTGGAGTCTCCACC AAGCCCAAGGGCGGCCAAGAAGAACTCAATTCCAACGAGCGAGCAGCTTACTGAGCAG GAGCGGCCAAGGATGCAGAGAAACCGCGGAGGTGCCGGCGAGCCAGCGACAGGAGC CGCGAGGACTGAGGGCGGTATACGGTGCGGGGCTGGGATGCCCGCGCCACCCGACGCC CCTCACTCGGCGAAACCCGCGAGCCGGCCCTTCCGCTCCAAGAAGTTACTTCCCTAAG CCTTTTTATTATGATCTTGAATGCGGACAATTGGGGCCAAACGAGGAAGGACACAGACC AAAAGCCAGACCAGTCCCAGCGGCTTCTGGGCTCTAACCTGGGAGACTCGCATCCAG CCCGGCGGAAGCTACAGTCTCTACCCTGAGCTCCGTGGCGCAGAGCGCTCCACGCGTATT CAGCCCCGCTCCTCGCCTGCACCCCCACCCCGTCTGGGCTGCGCTCCCGGCCGGGA GCCTCCAGGCACACCCGCTTCTGGACGTCGGGGACCCAGCGGTTGGGCTCAGGCCACA ACGGCCTGAGATTGCCCGGGGCAACCCGTCGGCTCGGCTGGAGGCCGGGTCCCGGATG TCGCTGGGGCCCCACCCCTCTTGCGAAGACGGTGACTTTTTTTCCAATAAAATATTTT ATGACACAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_021570 unedited NAACGTACAAATTTTGTAAACGACTCACTATAGGCGGCACGCGAATTCGCACGAGGCCT CGTGCCGGGGNAACTCCAGGACAGAACACGGACAGGGTCGAGGAGATACTCCCTCCCAA ATCTGGGGAACGGCAACGTTGAGGAGGGTCTCCATCTGCGCCACCGGCGCCGACCGGCAG GGGCTGGAGGTTTTGCGCTGGGAGGCACTGGCCAAGCGCGAGCACCCCGCGGCACGTGG TCGCGCAGTCCCTGGGGCAGAGGAGCGCGGCCGTAGCTCACCCGGGTCTCATTCTTTT CTTGCGAGCCGTGCTGAATGCCGAGCAGGCGCGGTGTTCAAGTCCCCTGCGCGCCGCT GGGCTGTTCAAGGCTGAGCTCTGCGTTGCTGGCGCAGGGCCCGGCTGCCCGGCGCCGC GGGTGCGCCACACCTGCCGCTCGAGTTGCAGCTCCGCGGGAAGCTGGAGGCGGCAGGCC TGGGGAGCCAGGCACAAAGCCAAGAAGGGGCGTCGGAGCCGCACTGTGTTACCGAGCT GCAGCTGATGGGCTGGAGAAACGCTTCGAGAAGCAGAAGTACCTTCCACGCGGACAG AATAGATCTTGCTGAGTCCCTGGGCTGAGCCAGTTGCAGGTGAAGACGTGGTACCAGAA TCGGAGGATGAAGTGAAGATAATAGTGTGCAGGGCGGCGCCCTGGAGTCTCCACCAA TCCCATAGGGCGCCCAAGAAGAACTCAATTCCAACGAGCGAGCAGCTTACTGAGCATGA GCGCGCAAGGATGCAGAGAAACCGCGGAGGTGCCGGGCGAGCCAGCGACAGTAGCCG CGAGGACTGGAGGCGGTATCCGGTGCGGGCGCTGGGATGCCCGGCCACCCG
Restriction Sites:	Please inquire
ACCN:	NM_021570
Insert Size:	1345 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_021570.2</u> , <u>NP_067545.2</u>
RefSeq Size:	1475 bp
RefSeq ORF:	678 bp
Locus ID:	56033
UniProt ID:	<u>Q9HBU1</u>
Cytogenetics:	9q22.32
Protein Families:	Transcription Factors

Gene Summary:

This gene encodes a member of the Bar subclass of homeobox transcription factors. Studies of the mouse and chick homolog suggest the encoded protein may play a role in developing teeth and craniofacial mesenchyme of neural crest origin. The protein may also be associated with differentiation of stomach epithelia. [provided by RefSeq, Jul 2008]