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Product datasheet for SC209940

MSX1 (NM_002448) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MSX1 (NM_002448) Human 3' UTR Clone
Symbol:	MSX1
Synonyms:	ECTD3; HOX7; HYD1; STHAG1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002448
Insert Size:	823 bp
Insert Sequence:	>SC209940 3'UTR clone of NM_002448 The sequence shown below is from the reference sequence of NM_002448. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGGGCTACAGCATGTACCACCTGACATAGAGGGTCCCAGGTCGCCCACCTGTGGGCCAGCCGATTCCT CCAGCCCTGGTGCTGTACCCCCGACGTGCTCCCCTGCTCGGCACCGCCAGCCGCCTTCCCTTTAACCCT CACACTGCTCCAGTTTCACCTCTTTGCTCCCTGAGTTCACTCTCCGAAGTCTGATCCCTGCCAAAAAGT GGCTGGAAGAGTCCCTTAGTACTCTTCTAGCATTTAGATCTACACTCTCGAGTTAAAGATGGGGAAACT GAGGGCAGAGAGGTTAACAGATTTATCTAAGGTCCCCAGCAGAATTGACAGTTGAACAGAGCTAGAGGC CATGTCTCCTGCATAGCTTTTCCCTGTCCTGACACCAGGCAAGAAAAGCGCAGAGAAATCGGTGTCTGA CGATTTTGGAAATGAGAACAATCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGAAAAGAG AAAAAAAAGACTAGCCAGCCAGGAAGATGAATCCTAGCTTCTTCCATTGGAAAATTTAAGACAAGTTCA ACAACAAAACATTTGCTCTGGGGGGCAGGGAAAACACAGATGTGTTGCAAAGGTAGGTTGAAGGGACCT CTCTCTTACCAGTACCAGAAACACAATTGTAAAATTAAAAAAAAAAAAAAACTCTTTCTATTTAACAGT ACATTTGTGTGGCTCTCAAACATCCCTTTGGAAGGGATTGTGTGTACTATGTAATATACTGTATATTTG AAATTTTATTATCATTTATATTATAGCTATATTTGTTAAATAAATTAATTTTAAGCTACAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_002448.3
Summary:	This gene encodes a member of the muscle segment homeobox gene family. The encoded protein functions as a transcriptional repressor during embryogenesis through interactions with components of the core transcription complex and other homeoproteins. It may also have roles in limb-pattern formation, craniofacial development, particularly odontogenesis, and tumor growth inhibition. Mutations in this gene, which was once known as homeobox 7, have been associated with nonsyndromic cleft lip with or without cleft palate 5, Witkop syndrome, Wolf-Hirschom syndrome, and autosomoal dominant hypodontia. [provided by RefSeq, Jul 2008]
Locus ID:	4487
MW:	31.5