

Product datasheet for **SC217042**

EYA1 (NM_172060) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EYA1 (NM_172060) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EYA1
Synonyms:	BOP; BOR; BOS1; OFC1
ACCN:	NM_172060
Insert Size:	1952 bp



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Insert Sequence:

>SC217042 3'UTR clone of NM_172060

The sequence shown below is from the reference sequence of NM_172060. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CACCATGCCTTGGAACTGGAGTACCTGTAAACAGCGCTCGGCACTTTGACAGCGCACAGCTGCTCTGTGA
CCAGGGACAGATCCAGCAGGCCCCAGTCTCGCATCAGCGCCGGCCTCCAGAACTTAGCAATTTCCGCCT
GGTGATGCGCAGTTGCTGTGAGTCTTGACCTCTGCCTTTGTGGTGAATGGAGGACCACGCTATTTTCAT
CAGAACAGCTGTTGACTCTAGTACTGTGAATCCAGTGAAAATAAGCCATGAGAATGTTTTAGCACAGCG
TTATGTGCTGCCACATTAACACAGGTTCAAACCTGTGAAGAAAGGACCTGCAAACGCTTCAGTTGT
TAGCATTTTCAATGTGATATAAACAGCTTCTCCAATACAGCAAACCTAATGCACAACAGAGACTGAAA
TGTGTTTCTGAATACCAGTGGAGGAATTTTCTGTAAAGAAGGTTTACTTTTTGGTGTCTCATACCCA
GGGTAATCTGTACATCTCTACTTATTTATGAACAGACTTTTTTTAAAAAGATAAAAAAACAGCTTTATT
GAGGTATAATTCACCCACAGACTTTTTTAAACATCAAATAATTGAAGAGACAATAGCATTAGAAAATAA
GTGATTAAGGCCTCTGCCTCACAAATGGCAAGTACAGTACTTTGAATTTTAGCACATTGCATAGTAG
TTTTAAGTATGTCTAATTTAAACGTATAATATGTACATCACTGAGACAATCATGTACAGAAAAGATTTT
TGGTGTAATTTGTAATAATGGATAATCTTTTACATATTGTTTAGGGAAATGATATTGAAAGGTAGCA
ATGCCTGGATAGTGAAGCATGAGGCAGCACGTGCACAAATTCATGTGCCGTGCCTTATCTGAGTTTTCG
GTATAAATATGTAGATAATGGATTTTTTTTTTTAGATAATGTTGTCAAGACCAAAAGCATGGATGTCA
AGTGTGAGTAAGGATTTGTTTTCTAAAATTTTTCTGCATCAGTCTTCTGAGGGCCTTGATGAAAT
AACACAGCAGTTTCTTAAACAATTTGAAACAAAATGAGCTCTCCTACCACCTCACTTTTTTCATTTCCAC
ACTAATGTATTATGTAAGTACTTGGAAAAAATAATTATTCAAATGCTTCTTCCACAAAAGAATATAG
ATGATAGTAGATATATTTTATAAATAAATGGTTCATGAATCGGAGACTAACAAAGTTTTTATGTGCTC
AGAATTATTAATTATCGTGTCTGCATTTTCTTTGATAAAGGAAGACACACGATGCTAATCCGGAATC
AGCAAACTTTGCATTACTCCCTATGTGCGTATTTTCTTTCTTCTTCTGTCACCCTGAGGAAGGTTTATT
GCCATTGTCATCACCATGGAAACAACGTTCTCTCCACCTGCATTATGTACTACATGACAGGCATCAAT
CTGGGGAAATAATAAAATATCACCTTTGTCAGACCATAAGAGTTTCTCCAAAAGTGGTCAGTTTGGCT
GGGCAATATTTTCTCATCTAACAAACACAATCCATTGTGATGAAATACCTTAGGATGAGTCTTCT
TTAATCAATCATATATTGGCGGAAAAAACACCAGCTTTGACCCGAAGTAGTTGAAGAGCTACTTCATT
CTTTTCTGAAGTTGTGTGTTGCTGCTAGAAATAGTCATTTGTGAATTATCCAAATGTTTAAATCACA
ATTGAATTAGTTTTTCTTCTTTTGGCTTGAAGCAAACAGTTGACAATTTTAACTTTTCATTTTAT
GTTTTTGTACTCTGCAGACTGAAAAGACAAAGTTTATCTTGGCCTTACTGTATAAAGGTGTGCTGTGTC
CACCGTTGTGACAGAATTTTCTTCAATTTTGTGTTAAGTTAATAAAATTTATTTGTGATGTAC
TGTAATAAAAAAAAAAAAAAA
ACGCGTAAAGCGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

SgfI-MluI

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_172060.3](#)

Summary: This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may play a role in the developing kidney, branchial arches, eye, and ear. Mutations of this gene have been associated with branchiootorenal dysplasia syndrome, branchiootic syndrome, and sporadic cases of congenital cataracts and ocular anterior segment anomalies. A similar protein in mice can act as a transcriptional activator. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Dec 2013]

Locus ID: 2138

MW: 75.5