

Product datasheet for SC204730

Bestrophin (BEST1) (NM_004183) Human 3' UTR Clone

Product data:

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Product Type:3' UTR ClonesProduct Name:Bestrophin (BEST1) (NM_004183) Human 3' UTR CloneVector:pMirTarget (PS100062)Symbol:BEST1Synonyms:ARB; BEST; Best1V1Delta2; BMD; RP50; TU15B; VMD2ACCN:NM_004183Insert Size:369 bpInsert Sequence:>SSC204730 3'UTR clone of NM_004183 The sequence shown below is from the reference sequence of NM_004183. The complete sequence of this clone may contain minor differences, such as SNPs. BlueStop Codon Rede-Cloning siteGGCAAGTTGGACGCCCGCAAGATCCGCGGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGGTG TAGCAATTGCCAAGCACTGAAGATCCCGCGATCCAGCCACCCTAGTTCCATATCGAGTCCAGCCAG		
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TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCCTTGGAAAACAGGGATGAAGCACATTCCTAACCTGCTTCCTAATGGGGATGCTTCGCCAGCCA	Insert Sequence:	The sequence shown below is from the reference sequence of NM_004183. The complete sequence of this clone may contain minor differences, such as SNPs.
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.		TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTGGAAAACAGGGATGAAGCACATTCCTAACCTGCTTCCTAATGGGGATGCTTCGCCAGCCA
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RefSeq: <u>NM 004183.4</u>	Components:	package also includes 100 pmols of both the corresponding 5' and 3' vector primers in
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	Bestrophin (BEST1) (NM_004183) Human 3' UTR Clone – SC204730
Summary:	This gene encodes a member of the bestrophin gene family. This small gene family is characterized by proteins with a highly conserved N-terminus with four to six transmembrane domains. Bestrophins may form chloride ion channels or may regulate voltage-gated L-type calcium-ion channels. Bestrophins are generally believed to form calcium-activated chloride-ion channels in epithelial cells but they have also been shown to be highly permeable to bicarbonate ion transport in retinal tissue. Mutations in this gene are responsible for juvenile-onset vitelliform macular dystrophy (VMD2), also known as Best macular dystrophy, in addition to adult-onset vitelliform macular dystrophy (AVMD) and other retinopathies. Alternative splicing results in multiple variants encoding distinct isoforms. [provided by RefSeq, Nov 2008]
Locus ID:	7439
MW:	14

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