OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC215034

SHARP2 (BHLHE40) (NM_003670) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SHARP2 (BHLHE40) (NM_003670) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BHLHE40
Synonyms:	BHLHB2; Clast5; DEC1; HLHB2; SHARP-2; SHARP2; STRA13; Stra14
ACCN:	NM_003670
Insert Size:	1661 bp

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

View online »

Insert Sequence:

>SC215034 3'UTR clone of NM_003670
The sequence shown below is from the reference sequence of NM_003670. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCCCTTTAAACTTAGAAACCAAAGACTAAACTCTCTAGGGGATCCTGCTGCTTTGCTTTCCTTCCTCG
CTACTTCCTAAAAAGCAACAAAAAAGTTTTTGTGAATGCTGCAAGATTGTTGCATTGTGTATACTGAGA
TAATCTGAGGCATGGAGAGCAGATTCAGGGTGTGTGTGTGTGTGTGTGTGTGTATGTGCGTGTGCGT
GCACATGTGTGCCTGCGTGTTGGTATAGGACTTTAAAGCTCCTTTTGGCATAGGGAAGTCACGAAGGAT
TGCTTGACATCAGGAGACTTGGGGGGGATTGTAGCAGACGTCTGGGCTTTTCCCCACCCAGAGAATAGC
CCCCTTCGATACACATCAGCTGGATTTTCAAAAGCTTCAAAGTCTTGGTCTGTGAGTCACTCTTCAGTT
TGGGAGCTGGGTCTGTGGCTTTGATCAGAAGGTACTTTCAAAAGAGGGCTTTCCAGGGCTCAGCTCCCA
ACCAGCTGTTAGGACCCCACCCTTTTGCCTTTATTGTCGACGTGACTCACCAGACGTCGGGGAGAGAGA
GCAGTCAGACCGAGCTTTCTGCTAACATGGGGAGGTAGCAGGCACTGGCATAGCACGGTAGTGGTTTGG
GGAGGTTTCCGCAGGTCTGCTCCCCACCCCTGCCTCGGAAGAATAAAGAGAATGTAGTTCCCTACTCAG
GCTTTCGTAGTGATTAGCTTACTAAGGAACTGAAAATGGGCCCCTTGTACAAGCTGAGCTGCCCCGGAG
GGAGGGAGGAGTTCCCTGGGCTTCTGGCACCTGTTTCTAGGCCTAACCATTAGTACTTACTGTGCAGGG
AACCAAACCAAGGTCTGAGAAATGCGGACACCCCGAGCGAGCACCCCAAAGTGCACAAAGCTGAGTAAA
AAGCTGCCCCCTTCAAACAGAACTAGACTCAGTTTTCAATTCCATCCTAAAACTCCTTTTAACCAAGCT
TAGCTTCTCAAAGGCCTAACCAAGCCTTGGCACCGCCAGATCCTTTCTGTAGGCTAATTCCTCTTGCCC
AACGGCATATGGAGTGTCCTTATTGCTAAAAAGGATTCCGTCTCCTTCAAAGAAGTTTTATTTTTGGTC
CAGAGTACTTGTTTTCCCGATGTGTCCAGCCAGCTCCGCAGCAGCTTTTCAAAATGCACTATGCCTGAT
TGCTGATCGTGTTTTAACTTTTTCTTTTCCTGTTTTTATTTTGGTATTAAGTCGTTGCCTTTATTTGTA
AAGCTGTTATAAATATATATTATATAAATATATTAAAAAGGAAAATGTTTCAGATGTTTATTTGTATAA
TTACTTGATTCACACAGTGAGAAAAAATGAATGTATTCCTGTTTTTGAAGAGAAGAATAATTTTTTTTT
TCTCTAGGGAGAGGTACAGTGTTTATATTTTGGAGCCTTCCTGAAGGTGTAAAATTGTAAATATTTTTA
TCTATGAGTAAATGTTAAGTAGTTGTTTTAAAATACTTAATAAAATAATTCTTTTCCTGTGGAAGAGAA
AGATGGTCTCCTGAGTTTTTTAAAATAGCTCACTTGGTGTGATATGGCTGACTCCCATGTCCTTCTTTC
TTGGCTGAAGCAAACCAGTTAATCTCAGTGTAATTTCATTCAGCTTTTCATGTGCTTTGTATTCAATCA
GAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_003670.3

Summary: This gene encodes a basic helix-loop-helix protein expressed in various tissues. The encoded protein can interact with ARNTL or compete for E-box binding sites in the promoter of PER1 and repress CLOCK/ARNTL's transactivation of PER1. This gene is believed to be involved in the control of circadian rhythm and cell differentiation. [provided by RefSeq, Feb 2014]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Locus ID:	8553
MW:	62.6

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US