

Product datasheet for SC110672

DYNLRB1 (NM_014183) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DYNLRB1 (NM_014183) Human Untagged Clone
Tag:	Tag Free
Symbol:	DYNLRB1
Synonyms:	BITH; BLP; DNCL2A; DNLC2A; ROBLD1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF within SC110672 sequence for NM_014183 edited (data generated by NextGen Sequencing)

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ATGGCAGAGGTGGAGGAGACTGAAGCGACTGCAGAGCCAGAAGGGAGTGCAGGGAATC
ATCGTCGTGAACACAGAAGGCATTCCCATCAAGAGCACCATGGACAACCCACCACCACC
CAGTATGCCAGCCTCATGCACAGCTTCATCCTGAAGGCACGGAGCACCGTGCCTGACATC
GACCCCAAGAACGATCTCACCTTCCTTGAATTCGCTCCAAGAAAAATGAAATTATGTT
GCACCAGATAAAGACTATTTCTGATTGTGATTAGAATCCAACCGAATAA
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Clone variation with respect to NM_014183.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_014183 unedited
NTGCGTTCAAATTTGTATACGACTCATATAGGCGGCCGNAATTCGCACGAGGGTCGGA
AATGGCAGAGTGGAGGAGACTGAAGCGACTGCAGAGCCAGAAGGGAGTGCAGGGAATC
ATCGTCGTGAACACAGAAGGCATTCCCATCAAGAGCACCATGGACAACCCACCACCACC
CAGTATGCCAGCCTCATGCACAGCTTCATCCTGAAGGCACGGAGCACCGTGCCTGACATC
GACCCCAAGAACGATCTCACCTTCCTTGAATTCGCTCCAAGAAAAATGAAATTATGTT
GCACCAGATAAAGACTATTTCTGATTGTGATTAGAATCCAACCGAATAAAGCCACTCTC
TTGGCTCCCTGTGTCATTCCCTAATTTAATGCCCCCAAGAATGTTAATGTCAATCATGT
CAGTGGACTAGCATAGGAGTGCCTTGGAAACCACTCACACCAATCCAGTGACCGTGTG
TGGGCTGGCGGCTCTTCTCCCCACAACGGAACCCCTGTGTGCACAACCTTNCCCAGAGC
TNCGGGAGCGCCTCTCACTTCCAGGTTTTGGAGGCAGAGCTTGCANGAAGGCCGNACC
NAGCTTNCCTTCTGACCTTCAGTTCACTTTGTGCGCCCTTGGAGAAAGCTGTTTTCTTTAC
TAAAAATTACAAAATGCTAAAAAATAAAAAAAAAAATACTCACTCTGATTGNCGGCCGGT
CATAGCTTGTTCCTGACAGATTCCGGGTTGGATTCCCTGGGACCCCTCCCAATGCCTT
TCCCTGGCCCTGGAAGTGCCCTTCCGGGCCCCCAACCCCTGGCCCAATAAAATAAAGTG
CATCATTTTGGCGGACTAGGGGCCCTTCATAAAATATGGGTGAGGGGGGGGTTTTTAA
CAACGGGGCCAATT
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014183 unedited GCCGCAATCTCACAGTCGACTTTTTTTTTTTTTTTTTTAAAGCATTGTTGTTATTTTAGC TAAAGAAAAACAGCTTTCTCCAAGGGCGACAAAGTGAAGTGAAGGTCAGAAGGAAGCTGG GTGCGGGCTTCTGCAAGCTCTTGTCTCCAAAACCTGGAAGTGAGGAGAGGGCGCTCCGGA GCTCTGGGGAAGGTTGGTGCACACAGGGGTTCCGTTGGTGGGGGAGAAGAGCCGCCAGCC CACACACGGTCACTGGATTGGTGTGAGTGGGTTCCAAGCGACTGCCATGCGCTAGTCCAC TGACATGATTGACATTAACATTCTTGGGGGCAATTAATAAGGAATGACACAGGGAGCC AAGACAGTGGCTCATTCGGTTGGATTCTGAACACACCCAGGAAGTACTCTTTATCTGGT GCAACCATAAATTCATTCTCTTGGAGCGAATTCACCGCAAGGTGAGACCGCCCTGCGG GTCGATGCCACCCACGGCGCCCCCTGCCTTACGATCAACCTGTCCACGACGCTGTGATA CTGCGCGGTGCGGAGCCCGCCATGCTGCTTGTGATGGCAATGCCTTCCGTGCCACGAAG AAGAACTCTTGCAATCCCTTTCTGGCTCTGCAGAACTTCAGCGCCATCCCGAACCTC GGAATTTCCCATCTCGCCGAATCCCCGCCCCCTCATACGTTTCCCTTACCCACCT TTGACGGTTTCCCTACCCACCTTTTTACTCATTACCTCCCTATGTTACCCCTACTC GTCCTTATCGTTACTCCGNCAGGTGACTTGACTAATCTCCGCACAACCCGCCGCAATTT TTGGTCCCCATCCCCTCTCTGCCCTATCCGGGCGGCATATTTGCCAATGTGCCACC GCCACGTTACCCCTCTCCCGATCTCCCATACCCTCGCTCTTCTTACTCTCATCC CTCTCTCTCTCTACGTACCG
Restriction Sites:	NotI-NotI
ACCN:	NM_014183
Insert Size:	630 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).
RefSeq:	NM_014183.2 , NP_054902.1
RefSeq Size:	702 bp
RefSeq ORF:	291 bp
Locus ID:	83658
UniProt ID:	Q9NP97
Domains:	Robl_LC7
Gene Summary:	<p>This gene is a member of the roadblock dynein light chain family. The encoded cytoplasmic protein is capable of binding intermediate chain proteins, interacts with transforming growth factor-beta, and has been implicated in the regulation of actin modulating proteins. Upregulation of this gene has been associated with hepatocellular carcinomas, suggesting that this gene may be involved in tumor progression. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 12 and 18. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (1) encodes isoform a.</p>