

Product datasheet for SC301559

MYBPHL (NM_001010985) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MYBPHL (NM_001010985) Human Untagged Clone
Tag:	Tag Free
Symbol:	MYBPHL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301559 representing NM_001010985. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGAGGCAGCCACAGCTCCGGAGGTGGCCGAGGATCCAAGCTGAAGGTGAAAGAAGCCAGCCAGCG
 GATGCTGAACACCCAGGCTTACCTGGACAGGGGGCTGGCAGCCCCACTCCCCAGCTCCTGCCCCCT
 ATAGAAGAGCACCCCAAGATCTGGCTACCTCGGGCCCTGAGGCAGACCTACATCCGAAGTTGGGGAC
 ACAGTGAACCTACTAATCCCATTCAGGGCAAGCCCAACCTCAAGCCATCTGGACACATGATGGCTGT
 GCCTTGGACACCAGGCGTGTGAGTGTGCGGAATGGGGAGCAAGACTCCATCCTTTCATCCGAGAAGCC
 CAACGTGCTGACTCAGGTGCTACCAACTCCGCTGCAGCTGGGTGGGCTGGAGGCCACCGCCACCATT
 GACATCCTGGTGATTGAGAGGCCAGGCCCTCCTCAGAGTATTAAGCTGGTGGACGTTTGGGGCTTCAGC
 GCTACACTGGAATGGACACCGCCCAAGATACGGGAATACAGCACTTCTGGGATACACGGTGCAGAAG
 GCTGACACAAAATCCGGGCTGTGGTTCACGGTGTGGAGCACTATCACCGCACCAGCTGCATCGTCTCT
 GACCTCATCATCGGCAACTCCTATGCCTTCCGTGTCTTTGCTGAAAACCAAGTGGGACTCAGTGAACA
 GCCCCATCACTACGGACCTCGCCACATCCAGAAAGCAGCTACTGTTTACAAGACCAAGGGTTTGCC
 CAACGAGACTTCTCTGAAGCCCCAAAGTTTACCCAGCCTCTGGCCGACTGCACTACAGTACCGGCTAT
 AATACCCAGCTCTTCTGCTGTGTCGCGCCTCTCCCCGGCCCAAGATCATCTGGCTGAAGAACAAGATG
 GATATCCAAGGCAACCCTAAGTACAGAGCCCTGACTCACCTGGGAATCTGCTCCCTAGAGATCCGAAG
 CCGGGTCCCTTTGATGGAGGCATCTATACCTGCAAGGCGGTGAACCCCTAGGGGAGGCATCTGTGGAC
 TGTCGGGTGGATGTGAAAGTTCCTAATTGA
 ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001010985
Insert Size:	1065 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001010985.2</u>
RefSeq Size:	1372 bp
RefSeq ORF:	1065 bp
Locus ID:	343263
UniProt ID:	<u>A2RUH7</u>
Cytogenetics:	1p13.3
MW:	38.7 kDa
Gene Summary:	This gene encodes a protein with two immunoglobulin superfamily domains and a fibronectin 3 domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2012] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because transcript sequence consistent with the reference genome assembly was not available for all regions of the RefSeq transcript. The extent of this transcript is supported by transcript alignments.