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Product datasheet for SC331147

ZMYM2 (NM_001190965) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: ZMYM2 (NM_001190965) Human Untagged Clone

Tag: Tag Free

Symbol: ZMYM2

Synonyms: FIM; MYM; RAMP; SCLL; ZNF198

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC331147 representing NM_001190965.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGACACAAGTTCAGTGGGAGGATTAGAATTGACTGATCAGACTCCTGTTTTATTAGGGAGTACGGCC
ATGGCAACTAGTCTCACGAATGTAGGAAACTCATTTAGTGGTCCAGCTAATCCTTTAGTGTCTAGATCT
AATAAGTTTCAGAACTCGTCAGTGGAAGATGATGATGATGTTGTTTTTATCGAACCTGTACAACCTCCC
CCACCTTCTGTACCAGTGGTAGCTGATCAAAGAACCATAACATTTACATCATCAAAAAATGAAGAACTA
CAAGGAAATGATTCCAAAATTACTCCTTCCTCAAAAGAGTTGGCATCTCAGAAGGGAAGTGTAAGTGAG
ACAATTGTCATTGATGATGAAGAGGACATGGAAACAAATCAAGGGCAAGAGAAAAATTCCTCCAATTTT
ATTGAACGAAGACCTCCTGAGACTAAAAACAGAACCAATGATGTGGATTTCTCCACTTCCAGTTTTTCA
AGAAGTAAGGTAAATGCAGGAATGGGTAATAGTGGTATCACCACAGAACCAGACTCTGAAATTCAGATT
GCTAATGTTACAACTTTAGAAACAGGTGTAAGCTCTGTGAATGATGGCCAATTAGAAAATACTGACGGG
CGAGATATGAACTTAATGATTACACATGTAACATCACTGCAGAATACCAACTTGGGAGATGTCTCTAAC
GGACTGCAGTCAAGTAATTTTGGTGTTAATATACAAACATACACCCCATCTTTAACTTCACAGACCAAG
ACTGGAGTAGGACCTTTTAATCCTGGTAGAATGAATGTGGCAGGAGACGTTTTTCAGAATGGAGAATCT
GCAACTCATCATAATCCTGATTCTTGGATCTCCCAGTCAGCTTCATTTCCCCGTAATCAGAAACAACCA
GGGGTGGACTCTTTATCACCAGTGGCCTCACTTCCTAAACAGATTTTCCAGCCGTCTGTCCAACAGCAG
CCTACTAAACCAGTTAAAGTCACTTGTGCAAACTGCAAAAAACCTTTACAGAAGGGCCAGACAGCTTAT
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CCTACTAAAGGAGCTCTAAATAAATCAAGATGTACAATCTGTGGTAAACTAACTGAGATTCGCCATGAA
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TATGGAAAACTGACAACTTGTACTGGTTGCCGAACACAGTGCAGGTTTTTTGATATGACTCAGTGTATA
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ATGCCTGATGGAAAACTGTACAACTTTTGCAATTCCAGTTGTGTGGCTAAATTTCAGGCTCTAAGTATG
CAGTCATCTCCAAATGGCCAGTTTGTAGCGCCAAGTGATATTCAGTTGAAATGCAACTACTGCAAAAAT

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TCCTTTTGTTCAAAACCAGAAATCCTGGAATGGGAGAACAAAGTGCATCAGTTCTGCAGCAAAACTTGT
TCAGATGACTATAAGAAGTTGCATTGCATAGTTACATATTGCGAATACTGTCAAGAGGAGAAGACTCTT
CATGAAACAGTAAATTTCTCTGGCGTTAAGAGACCTTTCTGTAGTGAAGGCTGCAAATTATTATACAAA
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GAGACACAGTCCAGCATGCCTGATGTACCATATGAACCAGATTTGGATATCGAAATAGATTTTCCCAGA
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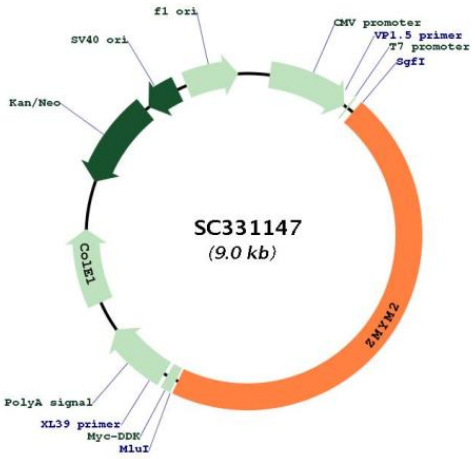
GTTCTTCTAGTAAAAGATATTTATGATAAAGACAATTATGAACTGGATGAAGACACAGACTAA

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN:	NM_001190965
Insert Size:	4134 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).
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:	NM_001190965.1
RefSeq Size:	10153 bp
RefSeq ORF:	4134 bp
Locus ID:	7750
UniProt ID:	Q9UBW7
Cytogenetics:	13q12.11
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
MW:	154.9 kDa
Gene Summary:	The protein encoded by this gene is a zinc finger protein that may act as a transcription factor. The encoded protein may be part of a BHC histone deacetylase complex. Translocation of this gene with the fibroblast growth factor receptor-1 gene (FGFR1) results in a fusion gene, which may be a cause of stem cell leukemia lymphoma syndrome (SCLL). Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2010] Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. Variants 1-4 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.