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Product datasheet for SC116065

EVI2B (NM_006495) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EVI2B (NM_006495) Human Untagged Clone
Tag:	Tag Free
Symbol:	EVI2B
Synonyms:	CD361; D17S376; EVDB
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC116065 sequence for NM_006495 edited (data generated by NextGen Sequencing)

ATGGATCCCAAATATTTCATCTTAATTTTGTTTTGTGGACACCTGAACAATACATTTTTT
TCAAAGACAGAGACAATTACAACAGAGAAGCAGTCACAGCCTACCTTATTCACATCATCA
ATGTCACAGGTATTGGCTAATTCTCAAAACACAACAGGGAATCCTTTGGGTCAACCAACA
CAATTCAGCGACACTTTTTCTGGACAATCAATATCACCTGCCAAAGTCACTGCTGGACAA
CCAACACCAGCTGTCTATACCTCTTCTGAAAAACCAGAAGCACATACTTCTGCTGGACAA
CCACTTGCCTACAACACCAAACAACCAACACCAATAGCCAACACCTCCTCCCAGCAAGCC
GTGTTCACCTCTGCCAGACAACTACCATCTGCCCGTACTTCTACCACACAACCACCAAAG
TCATTTGTCTATACTTTTACTCAACAATCATCATCTGTCCAGATCCCTTCTAGAAAACAA
ATAACTGTTCATAATCCATCCACACAACCAACATCAACTGTCAAAAATTCACCTAGGAGT
ACACCAGGATTTATCTTAGATACTACCAGTAACAAACAAACCCCACAAAAAAACAATTAT
AATTCAATAGCTGCCATACTAATTGGTGTACTTCTGACTTCTATGTTGGTAGCTATAATC
ATCATTGTACTTTGGAAATGCTTAAGGAAACCAGTTTTAAATGATCAAAATTGGGCAGGT
AGATCTCCATTTGCTGATGGAGAAACCCCTGACATTTGTATGGATAACATCAGAGAAAAT
GAAATATCCACAAAACGTACATCAATCATTTCACTTACACCCTGGAAACCAAGCAAAAGC
ACACTTTTAGCAGATGACTTAGAAATTAAGTTGTTTGAATCAAGTGAAAACATTGAAGAC
TCCAACAACCCCAAAACAGAGAAAATAAAAGATCAAGTAAATGGTACATCAGAAGATAGT
GCTGATGGTTCAACAGTTGGAACTGCTGTTTCTTCTTCAGATGATGCAGATCTGCCTCCA
CCACCTCCCCTTCTGGATTTGGAAGGACAGGAAAGTAACCAATCTGACAAACCCACAATG
ACAATTGTATCTCCTCTTCCAAATGATTCTACTAGTCTCCCTCCATCTCTGGACTGTCTC
AATCAAGACTGTGGAGATCATAAATCTGAGATAATACAATCATTTCCACCGCTTGACTCA
CTTAACTTGCCCCTGCCACCAGTAGATTTTATGAAAAACCAAGAAGATTCCAACCTTGAG
ATCCAGTGTCAGGAGTTCTCTATTCCTCCCAACTCTGATCAAGATCTTAATGAATCCCTG
CCACCTCCACCTGCAGAACTGTTATAA

Clone variation with respect to NM_006495.3

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006495 unedited
NCGGGTCGCAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCTTTCT
TAGCCAAATCACCAAAATGTCCAGTTAGAACAAGAATTTAGCATTCTGCAAAAGAAGTTA
ACAGCTGAGATAACGAGGAAATATTCTGAAATGGATCCCAAATATTTCATCTTAATTTTG
TTTTGTGGACACCTGAACAATACATTTTTTTCAAAGACAGAGACAATTACAACAGAGAAG
CAGTCACAGCCTACCTTATTCACATCATCAATGTCACAGGTATTGGCTAATTCTCAAAAC
ACAACAGGGAATCCTTTGGGTCAACCAACACAATTCAGCGACACTTTTTCTGGACAATCA
ATATCACCTGCCAAAGTCACTGCTGGACAACCAACACCAGCTGTCTATACCTCTTCTGAA
AAACCAGAAGCACATACTTCTGCTGGACAACCACTTGCCTACAACACCAAACAACCAACA
CCAATAGCCAACACCTCCTCCCAGCAAGCCGTGTTCACCTCTGCCAGACAACTACCATCT
GCCCGTACTTCTACCACACAACCACCAAAGTCATTTGTCTATACTTTTACTCAACAATCA
TCATCTGTCCAGATCCCTTCTAGAAAACAAATAACTGTTCATAATCCATCCACACAACCA
ACATCAACTGTCAAAAATTCACCTAGGAGTACACCAGGATTTATCTTAGATACTACCAGT
AACAAACAAACCCCACAAAANAACAATTATAATTCAATAGCTGCCATACTAANTTGGTGT
ACTTCTGACTTCTATGTTGGTAGCNTATATCATCATTGTACTTTGGNAATGCTTANAGNA
ACCATTTTAANTGATCAAATTGGGCAGGTAGATCTCCATTTGCTGNATGAGAACCCCTGA
CATTTGTATGGGGATACATCAGAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006495 unedited
GCGCCGCATTTTAGNATCGAGTTTTTTTTTTTTTNTTTTTGAAATGGGAAACATAAAAGT
TTATTCACCATAATTTTATACACAGCTTTTCAGGGGGGAAAAAAACTGTACTGGGTAATA
AGTATATGTAGATTGTTTCAGAGTTCTTAAATTATTGAAACATACCATTTACATATGTAA
AATGTACTATACTTTAAAGATAGGTACTATAATTAGTAAATAGATTACTGTTAAATAACT
TTTTTTAAAAAAAAGTTTCATCTATGCACATAGGCTCTGAGCAGATTTCAGATAGTTCCT
GAATAAAAATCAAAATTGACTATCAGTTGCCATTTTATATATGTTAACATATAAAGAAAA
AAGAGTCATTTGAGGATGGAAGATCAGCTAAAAAGCAAGTTGTAATATTTATAACAGTTC
TGCAGGTGGAGGTGGCAGGGATTCATTAAGATCTTGATCAGAGTTGGGAGGAATAGAGAA
CTCCTGACACTGGATCTCAAGGTTGGAATCTTCTTGGTTTTTCATAAAATCTACTGGTGG
CAGGGGCAAGTTAAGTGAGTCAAGCGGTGGAAATGATTGTATTATCTCAGATTTATGATC
TCCACAGTCTTGATTGAGACAGTCCAGAGATGGAGGGAGACTAGTAGAATCATTTGGAAG
AGGAGATACAATTGTCATTGTGGGTTTGTCAGATTGGTTACTTTCCTGTCCTTCCAAATC
CANAAGGGGANGGTGGGTGGAGCANATCTGCATCATCTGAAGAAGAACAGCAGTTCCAAC
TGTTGAACCATCAGCACTATCTTCTGATGTACCATTTACTTGATCTTTTATTTTCTCTGT
TTTGGGGGTTGTGGAGTCTTCAATGTTTTCACTTGATTCAACAACTAATTTCTAAGCATC
TGCTAAAAGTGCGGTTTGCTTGGTTTCAGGTGGTAGGGAAAGATTGATGTACCTTTGGGG
AAATTCATCTCCTTGGAGGTACCATACAG

Restriction Sites: NotI-NotI

ACCN: NM_006495

Insert Size: 1730 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).

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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_006495.2, NP_006486.2
RefSeq Size:	1983 bp
RefSeq ORF:	1347 bp
Locus ID:	2124
UniProt ID:	P34910
Cytogenetics:	17q11.2
Protein Families:	Transmembrane
Gene Summary:	Required for granulocyte differentiation and functionality of hematopoietic progenitor cells through the control of cell cycle progression and survival of hematopoietic progenitor cells. [UniProtKB/Swiss-Prot Function]

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