

Product datasheet for **SC303678**

EVI5 (NM_005665) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EVI5 (NM_005665) Human Untagged Clone
Tag:	Tag Free
Symbol:	EVI5
Synonyms:	EVI-5; NB4S
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_005665 edited

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CATGGTTACCAACAAAATGACTGCTGCCTTTAGAAACCCTAGTGGGAAACAGGTGGCGAC
AGACAAAGTTGCAGAAAAGCTGAGCTCTACTCTCTCATGGTGAAGAACACAGTATCGCA
TACAGTCAGTCAGATGGCCAGTCAGGTGGCAAGTCCATCTACTTCATTACATACCACATC
CTCATCTACCACACTATCAACACCAGCCCTTTCCACCATCTTCCCCATCACAGTTGAGTCC
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TTCATCAGCCTCTAGCAACCTCAGTCACCTTGAAGAAGATTCTTGGATTCTTTGGGGAAG
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AGCCATTATGGGTTTGAAGAAGCTTAGACAGCAAGTCAAGGATTTAGAGGAACACTGGCA
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TGCTCAGCCTCCCGAGTACCTGGGACTATATGTGC

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_005665 unedited
CGACACAGATCTACAGACATCCATTTAGGGCGGCCGGAATATCACTGGTTACCAAACA
AAATTGACCTGCTTGCTTTAGAAACCCCTAGTTGGGAAACAGGTGGCGACAGACAAAGTT
GCAGAAAAGCCGAGCCCTACTCTCTCATGGGTGAAGAACACAGTATCGCATACAGTCAGT
CAGATGGCCAGTCAGGTGGCAAGTCCATCTACTTCATTACATACCACATCCTCATCTACC
ACACTATCAACACCAGCCCTTTACCATCTTCCCATCACAGTTGAGTCCAGACGACTTA
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GAATGGGAAGATGTACGCAAAAAGAAGGAAAAGCAAGTTAAGGAACCTGTTTCATAAAGG
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CAGGAGGTTTTATTTAATGTAATGAAAGCTTACTCTTTAGTAGATCGTGAGGTTGGTTAC
TGTCAGGAAGTGCTTTTATAGTTGGATTGTTGCTTATGCAGATGCCAGAGAGAAGCTTT
CTGTGATTTGTTAAATTAATGCAGATTATAGACTTCGTGAACTTTTAAACCAAGTATGG
CAGATTGGGCTTTGTATGTACAGTTTGTATGATGATAACAGAGCATCCTCCAGAGCT
CTTTGTACATTTTCATCTCAGAGTTTTTCATACCTCCAATGTTATGCCATCATCCTTGGT

3' Read Nucleotide Sequence:	>Forward primer walk for NM_005665 unedited TACTAGTCAGCATAAGATAATAAAACAAAGGATGATGGAACTGGAAACACAGAACCAGA TCAATAGTAACCATCTTCGAAGAGCAGAACAAAGAGGTGATTAGCCTACAGGAGAAAGTGC AGTATCTTTCTGCACAGAACAAAGGACTCCTTACTCAATTAAGTGAAGCAAAGCGTAAAC AAGCAGAGATTGAATGCAAGAATAAGGAAGAAGTATGGCTGTGAGGCTTCGGAAGCAG ATAGCATAGCTGCTGTGGCTGAACACGACAACACATTGCTGAGCTTGAAATCCAGAAAG AAGAAGGAAAGCTTCAAGGACAGCTTAACAAGTCTGATTCTAACCAAGTATATTGGGGAAC TGAAAGATCAGATAGCAGAGCTGAATCATGAGCTCAGGTGCCTAAAAGGCCAGAGGGGCT TCTCAGGCCAACCTCCTTTTGATGGAATCCACATTGTCAACCATTTAATAGGAGATGATG AATCATTCATTCTCCGATGAAGATTTTATAGATAATTCCTTACAGGAACTGGTGTTG GTTTTCTTTGCACGAAATCTGGCTCGATGTCTTTGGACCCCGCAGTGGCAGATGGTA GTGAGAGCGAAACAGAAGACAGTGTGCTGGAGACCAGAGAGCAACCAAGTGGTTCAA AGGAGCGCCCCGAGAAGAAGAGAGTCGTATTCAACCACTGTCTGACCATCACTGTGAC CTAGACTATGGATTTATTTAAAGGGATCAGTTATCATATGATTAGGGCTTTTGGAAATA ATTTGTTTCATATGTATATATATATATATATATATATATATTTTACAGTCTATCTGCCTT TTATCTTGCCAAATCTTTACCACTGATTACCATGCATAAAGTAGACTGGTATATGTATG TGTAACACGCTCTACAGTATACTGATATATGTTTTCTTTGTTTAGAAAATGCCACCTATC CAATG
Restriction Sites:	Please inquire
ACCN:	NM_005665
Insert Size:	3000 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).
OTI Annotation:	There is 1 nucleotide difference between the OriGene clone and the NCBI reference ORF. This results in the substitution of 1 aa.
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_005665.4 , NP_005656.4
RefSeq Size:	7403 bp
RefSeq ORF:	2433 bp
Locus ID:	7813
UniProt ID:	O60447

Cytogenetics: 1p22.1

Domains: TBC

Gene Summary: Functions as a regulator of cell cycle progression by stabilizing the FBXO5 protein and promoting cyclin-A accumulation during interphase. May play a role in cytokinesis. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the central coding region, compared to variant 1. It encodes isoform 2 which has the same N- and C-termini, but is shorter than isoform 1. 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.