

## Product datasheet for **SC117074**

### EI24 (NM\_004879) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EI24 (NM_004879) Human Untagged Clone
Tag:	Tag Free
Symbol:	EI24
Synonyms:	EPG4; PIG8; TP53I8
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF within SC117074 sequence for NM_004879 edited (data generated by NextGen Sequencing)

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ATGGCTGACAGTGTCAAACCTTTCTCCAGGACCTTGCCAGAGGAATCAAAGACTCCATC
TGGGGTATTTGTACCATCTCAAAGCTAGATGCTCGAATCCAGCAAAGAGAGAGGAGCAG
CGTCGAAGAAGGGCAAGTAGTGTCTTGGCACAGAGAAGAGCCCAGAGTATAGAGCGGAAG
CAAGAGAGTGAGCCACGTATTGTTAGTAGAATTTCCAGTGTTGTGCTTGGAAATGGTGGA
GTGTTCTGGTTCAGTCTCCTCTTGTATCGAGTATTTATTCCTGTGCTTCAGTCGGTA
ACAGCCCGAATTATCGGTGACCCATCACTACATGGAGATGTTGGTCGTGGCTGGAATTC
TTCCTCACGTCAATTTTCAGTGTCTTTGGGTGCTCCCCTTGTTGTGCTTAGCAAAGTG
GTGAATGCCATTTGGTTTCAGGATATAGCTGACCTGGCATTGAGGTATCAGGGAGGAAG
CCTCACCCATTCCCTAGTGTGAGCAAAAATAATTGCTGACATGCTTTCAACCTTTTGCTG
CAGGCTCTTTTCTCATTAGGGAATGTTTGTGAGTCTCTTTCCCATCCATCTTGTCCGT
CAGCTGGTTAGTCTCCTGCATATGTCCCTTCTCTACTACTGTACTGCTTTGAATATCGT
TGGTTCAATAAAGGAATTGAAATGCACCAGCGGTTGTCTAACATAGAAAGGAATTGGCCT
TACTACTTTGGGTTTGGTTTGCCTTGGCTTTTCTCACAGCAATGCAGTCCTCATATATT
ATCAGTGGCTGCCTTTCTATCCTCTTCCCTTATTATTATCAGCGCAATGAAGCA
AAGACCCCTGGCAAAGCGTATCTTCCAGTTGCGCCTTCTCCTTGGTGGTCTTCTTA
AGCAACAGACTCTTCCACAAGACAGTCTACCTGCAGTCGGCCCTGAGCAGCTCTACTTCT
GCAGAGAAGTTCCCTTACCAGCATCCGTCGCCTGCCAACTGAAGGCTACTGCAGGTCAC
TGA
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Clone variation with respect to NM\_004879.3  
858 a=>g



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_004879 unedited GTTTGCATTTGTATACGACTTATATAGGCGGCCGACGAATTCGCACGAGGGCCAGTGGC GGCGCAGCGGCCCGGCCCTGGAAGCGCCCCGGCGGAGCTGGCCCCGGTGGGCTAGGGG CAGGGCCGGAGCCCGCGCGGGGAGCTGTGGATCCTTCATGATGAGAGATTTGGGGACAC TTCTCTCTCCTGTGTGATGTTGATGTTGGTGGTGAAGAGATGGCTGACAGTGTCAAAA CCTTTCTCCAGGACCTTGCCAGAGGAATCAAAGACTCCATCTGGGGTATTTGTACCATCT CAAAGCTAGATGCTCGAATCCAGCAAAAGAGAGAGGAGCAGCGTGAAGAAGGGCAAGTA GTGCTTTGGCACAGAGAAGAGCCAGAGTATAGAGCGGAAGCAAGAGAGTGAAGCCAGTA TTGTTAGTAGAATTTCCAGTGTGTGCTTGAATGGTGGAGTGTCTGGTTCAGTCTCC TCTTGTTTTATCGAGTATTTATTCCTGTGCTTCAGTCGGTAACAGCCCAATTATCGGTG ACCCATCACTACATGGAGATGTTTGGTCGTGGCTGGAATCTTCTCACGTCAATTTTCA GTGCTCTTTGGGTGCTCCCCTTGTGTGCTTAGCAAAGTGGTGAATGCCATTTGGTTTC AGGATATAGCTGACCTGGCATTGATGTATCAAGGAGGAAGCCTCACCCATTCCCTAGTG TCAGCAAAATAATTGCTGACATGCTCTTCAACCTTTTGTGTCAGGCTCTTTTCTCATT NAGGGATGTTTGTGAGTCTCTTCCATCCATCTTGTGTCAGTCAGCTGGGTAGTCTCCTGCA TATGTCCTCTCTACTACTGTACTGCTTTTGTATATCGTGGNTCATAAAGGGATGAAN TGCACCAGCGGGTGTCTACATAGAAAGGATGGNCCTACACCTTGGGNTAGGNTG
<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_004879 unedited TGGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGCAGGGG AGCAAGAGAGACCAAAACCTAACCTGAGTTACAAGAAACAAGACAGTAATGGCTATAAAG GGAGTGACCAGGAGCAACTGGGACACTCCTTACCTCCCATATCCAATGTATGTGTTTCA CAGAAAAACAACAAAATTAACAAATTCACAAAATACAACAGCTAGAATTACAAAATCCAT TCATCCAAGGGTGGTAAAAGGCAGGATGGAAGGTGGAAGGTAATGGCACAGGGAGAA AAACAAAGTGTCCAATCAGTCCAGGCACAGGGACTGGCAAATGCTAGAAAATAGCTGCA GAAAAACCTGTGGTCCTTTCAGACTCACGGTGATGTTAAAAATCCACACTGGTGTGAG GGAACATTCTGCCTTACGTGCACCAGAGACAAAATTTCAATTCCTCAGAGAGAAGGGAA TACGCAGAGGGCCCTTGGCAGAGCGGGTCTGCCTTCCCTGGCAGGCGGGAGGTGAACAG GGAAAAGAGCTGCCACAGCTTCTTCCAATCCCGCCCATCCCTTTGGATGGCAGGCAACT CAGTGACCTGCAGTAGCCTTCAGTTTGGCAGGCGACGGATGCGGTGAAGGGAACTTCTCT GCAAAAAGTAAAGTGTCTCAGGGCCGACTGCANGTAAACTGTCTTGTGGAAAAGTCTGTG CTTAAAAGACCACCAAGGAGAAGAAGCGCAACTGGAAGAGATACGCTTTGCCAGGGGTC TTTGCTTCATTGGCGCTGNNNTATGATAAAGGGAAAGAGATAGAGAAAAGGGCGCCACTGA TATATAGAGACTGCATTGCTGTGAGAAAGCCAGGGCAAACCAACCCNAAGTGGTAGG CCATTTCTTTTTAGTTANACAACCGCTGGTGAT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_004879
<b>Insert Size:</b>	1910 bp
<b>OTI Disclaimer:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_004879.3</a> , <a href="#">NP_004870.3</a>
<b>RefSeq Size:</b>	2279 bp
<b>RefSeq ORF:</b>	1023 bp
<b>Locus ID:</b>	9538

**UniProt ID:** [O14681](#), [A0A024R3I8](#)

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** p53 signaling pathway

**Gene Summary:** This gene encodes a putative tumor suppressor and has higher expression in p53-expressing cells than in control cells and is an immediate-early induction target of p53-mediated apoptosis. The encoded protein may suppress cell growth by inducing apoptotic cell death through the caspase 9 and mitochondrial pathways. This gene is located on human chromosome 11q24, a region frequently altered in cancers. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 1, 3, 7, and 8. [provided by RefSeq, Feb 2014]  
Transcript Variant: This variant (1) encodes the longer isoform (1).