

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
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117074 sequence for NM_004879 edited (data generated by NextGen Sequencing)

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ATGGCTGACAGTGTCAAACCTTTCTCCAGGACCTTGCCAGAGGAATCAAAGACTCCATC
TGGGGTATTTGTACCATCTCAAAGCTAGATGCTCGAATCCAGCAAAGAGAGAGGAGCAG
CGTCGAAGAAGGGCAAGTAGTGTCTTGGCACAGAGAAGAGCCAGAGTATAGAGCGGAAG
CAAGAGAGTGAGCCACGTATTGTTAGTAGAATTTCCAGTGTTGTGCTTGGAAATGGTGG
GTGTTCTGGTTCAGTCTCCTCTTGTATCGAGTATTTATCCTGTGCTTCAGTCGGTA
ACAGCCCGAATTATCGGTGACCCATCACTACATGGAGATGTTGGTCGTGGCTGGAATTC
TTCCTCACGTCAATTTTCAGTGCTCTTTGGGTGCTCCCTTGTTGTGCTTAGCAAAGTG
GTGAATGCCATTTGGTTTCAGGATATAGCTGACCTGGCATTGAGGTATCAGGGAGGAAG
CCTCACCCATTCCCTAGTGTGAGCAAAATAATTGCTGACATGCTCTTCAACCTTTTGCTG
CAGGCTCTTTCCCTCATTAGGGAATGTTGTGAGTCTTTCCCATCCATCTTGTGCGT
CAGCTGGTTAGTCTCCTGCATATGTCCTTCTCTACTCACTGTACTGCTTGAATATCGT
TGGTTCAATAAAGGAATTGAAATGCACCAGCGTTGTCTAACATAGAAAGGAATTGGCCT
TACTACTTTGGGTTTGGTTTGGCCTTTTCTCACAGCAATGCAGTCCTCATATATT
ATCAGTGGCTGCCTTTCTATCCTCTTCTTTATTTCATTATCAGCGCCAATGAAGCA
AAGACCCTGGCAAAGCGTATCTCTCCAGTTGCGCCTTCTCCTTGGTGGTCTCTTA
AGCAACAGACTCTCCACAAGACAGTCTACCTGCAGTCGGCCCTGAGCAGCTCTACTTCT
GCAGAGAAGTTCCTTACCAGCATCCGTGCGCTGCCAACTGAAGGCTACTGCAGGTCAC
TGA

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Clone variation with respect to NM_004879.3
858 a=>g



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004879 unedited GTTTGCATTTGTATACGACTTATATAGGCGGCCGACGAATTCGCACGAGGGCCAGTGGC GGCGCAGCGGCCCGGCCCTGGAAGCGCCCCGGCGGAGCTGGCCCCGGTGGGCTAGGGG CAGGGCCGGAGCCCGCGCGGGGAGCTGTGGATCCTTCATGATGAGAGATTTGGGGACAC TTCTCTCTCTGTGTGTAGTTGATAGTTTGGTGGTGAAGAGATGGCTGACAGTGTCAAAA CCTTTCTCCAGGACCTTGCCAGAGGAATCAAAGACTCCATCTGGGGTATTTGTACCATCT CAAAGCTAGATGCTCGAATCCAGCAAAAAGAGAGAGGAGCAGCGTGAAGAAGGGCAAGTA GTGTCTTGGCACAGAGAAGAGCCAGAGTATAGAGCGGAAGCAAGAGAGTGAGCCACGTA TTGTTAGTAGAATTTCCAGTGTGTGCTTGAATGGTGGAGTGTCTGGTTCAGTCTCC TCTTGTTTTATCGAGTATTTATTCCTGTGCTTCAGTCGGTAACAGCCCAATTATCGGTG ACCCATCACTACATGGAGATGTTTGGTCGTGGCTGGAATCCTCCTCACGTCAATTTTCA GTGCTCTTTGGGTGCTCCCCTTGTGTGCTTAGCAAAGTGGTGAATGCCATTTGGTTTC AGGATATAGCTGACCTGGCATTGATGTATCAAGGAGGAAGCCTCACCCATTCCCTAGTG TCAGCAAAATAATTGCTGACATGCTCTTCAACCTTTTGTGTCAGGCTCTTTTCTCATT NAGGGATGTTTGTGAGTCTCTTCCATCCATCTTGTGTCAGTCAGCTGGGTAGTCTCCTGCA TATGTCCCTCTACTACTGTACTGCTTTTGTATATCGTGGNTCATAAAGGGATGAAN TGCACCAGCGGGTGTCTACATAGAAAGGATGGNCCTACACCTTGGGNTAGGNTG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004879 unedited TGGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTGCAGGGG AGCAAGAGAGACCAAAACCTAACCTGAGTTACAAGAAACAAGACAGTAATGGCTATAAAG GGAGTGACCAGGAGCAACTGGGACTCCTTTACCTCCCATATCCAATGTATGTGTTTCA CAGAAAAACAACAAAATTAACAAATTCACAAAATACAACAGCTAGAATTACAAAATCCAT TCATCCAAGGGTGGTAAAAGGCAGGATGAAAGGTGGAAGGGTAAATGGCACAGGAGAA AAACAAAGTGTCCAATCAGTCCAGGCACAGGGACTGGCAAAATGTAGAAAATAGCTGCA GAAAAACCTGTGGTCTTTTCCAGACTCACGGTGTGTTAAAAATCCACACACTGGTGTGAG GGAACATTCTGCCTTACGTGCACAGAGACAAAAATTTCAATTCCTCAGAGAGAAGGGAA TACGCAGAGGGCCCTTGGCAGAGCGGGTCTGCCTTCCCTGGCAGGCGGGAGGTGAACAG GGAAAAGAGCTGCCACAGCTTCTTCCAATCCCAGCCATCCCCTTTGGATGGCAGGCAACT CAGTGACCTGCAGTAGCCTTTCAGTTTGGCAGGCGACGGATGCGGTGAAGGGAACCTCTCT GCAAAAAGTAAAGCTGCTCAGGGCCGACTGCANGTAAACTGTCTTGTGAAAAGTCTGTG CTTAAAAGACCACCAAGGAGAAGAAGCGCAACTGGAAGAGATACGCTTTGCCAGGGGTC TTTGCTTCATTGGCGCTGNNNTATGATAAAGGGAAGAGATAGAGAAAAGGCGCCACTGA TATATATGAGGACTGCATTGCTGTGAGAAAAGCCAGGGCAAACCAACCCNAAGTGGTAGG CCATTTCTTTTTAGTTANACAACCGCTGGTGCAT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_004879
Insert Size:	1910 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:	<ol style="list-style-type: none">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_004879.3 , NP_004870.3
RefSeq Size:	2279 bp
RefSeq ORF:	1023 bp
Locus ID:	9538
UniProt ID:	O14681
Cytogenetics:	11q24.2
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	p53 signaling pathway
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>