

## Product datasheet for **MC227253**

### Ei24 (NM\_001199494) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ei24 (NM\_001199494) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ei24  
**Synonyms:** AA536736; AI115355; PIG8  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227253 representing NM\_001199494  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGTTTGGGGGCACTTCCCTCTCGCTGTATTTGATAGTCTGGGCAGTGGAGAGATGGCTGACAGTGTCA  
 AAACCTTCTGCAGGACCTTGGCAGGGGAATCAAAGACTCCATCTGGGGCATCTGTACCATCTCAAAGCT  
 AGATGCTCGGATCCAGCAGAAGAGAGAGGAACAGCGTCGAAGAAGGGCAAGTAGCCTCTTGCCCCAGAGG  
 AGACCCAGAGGTAGAGCGGAAGCAAGAGAGTGAACCAGTATTGTTAGTAGAATTTCCAGTGTGTG  
 CTTGGAATGGTGGAGTATTCTGGTTCAGTCTCCTCTTGTGTTTATCGAGTGTGTTTCTTGTACTTCACTC  
 AGTAACAGCCCGGATTATTGGAGATCCATCACTTCATGGAGATGTTTGGTCATGGCTGGAATTTCTCCTC  
 ACATCAATTTTCACTGCTCTTTGGGTGCTCCCCCTGTTTGTGCTTAGCAAAGTTGTGAATGCCATTTGGT  
 TCCAAGATATAGCTGACTTGGCATTGGAAGTATCAGGGAGGAAACCTCATCCATTTCCAGTGTGAGCAA  
 AATAATTGCTGACATGCTCTTCAACCTTTTGGTACAGGCACTTTTCTTATTTCAGGGGATGTTTGTGAGT  
 GCTTTCCCATCCATCTGTGGTCACTGGTGTAGTCTGCTGCATATGCTCTTCTCTTCACTGACT  
 GCTTTGAGTACCGTTGGTTCAACAAAGGAATTGAAATGCACCAGCATTGTCGAACATAGAAAGGAATTG  
 GCCTTACTACTTTGGGTTTGGCTTGGCCTTGGCTTTCCTCACAGCAATGCAATCCTCCTACATTATCAGT  
 GGCTGCCTCTTTTCTATCCTGTTTCTTTATTATCATCATCAGCGCAATGAAGCAAAGACTCCTGGAAAAG  
 CATATCTTTTCCAGTTGCGCCTATTCTCCTTGGTGGTCTTTTTAAGCAACAGACTTTTCCACAAGACCGT  
 CTACCTGCAGTCAGCCCTGAGCAGCTCGTCTCTCGAGAGAAATCCCTTCGCCACATCCTTCTCCTGCC  
 AAAGTAAAGCTGCTGCAGGCCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001199494



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<b>Insert Size:</b>	1077 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001199494.1, NP_001186423.1</u>
<b>RefSeq Size:</b>	2239 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	13663
<b>UniProt ID:</b>	<u>Q61070</u>
<b>Cytogenetics:</b>	9 20.68 cM
<b>Gene Summary:</b>	<p>Acts as a negative growth regulator via p53-mediated apoptosis pathway. Regulates formation of degradative autolysosomes during autophagy (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>