

Product datasheet for **MC208428**

Ei24 (NM_007915) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ei24 (NM_007915) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ei24
Synonyms: AA536736; A1115355; PIG8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208428 representing NM_007915
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTTTGGGGCACTTCCCTCTCGCTGTATTTGATAGTCTGGGCAGTGGAGAGATGGCTGACAGTGCA
 AAACCTTTCTGCAGGACCTTGGCAGGGGAATCAAAGACTCCATCTGGGGCATCTGTACCATCTCAAAGCT
 AGATGCTCGGATCCAGCAGAAGAGAGAGGAACAGCGTCGAAGAAGGGCAAGTAGCCTCTTGGCCAGAGG
 AGACCCAGAGTGTAGAGCGGAAGCAAGAGAGTGAACCACGTATTGTTAGTAGAATTTCCAGTGTGTG
 CTTGGAATGGTGGAGATTCTGGTTCAGTCTCCTCTTGTATCGAGTGTATTCCTGTACTTCAGTC
 AGTAACAGCCCGATTATTGGAGATCCATCACTTCATGGAGATGTTGGTCATGGCTGGAATTTCTCCTC
 ACATCAATTTTTCAGTGCTCTTTGGGTGCTCCCCCTGTTTGTGCTTAGCAAAGTTGTAATGCCATTTGGT
 TCCAAGATATAGCTGACTTGGCATTGGAAGTATCAGGGAGGAAACCTCATCCATTTCCAGTGTCAGCAA
 AATAATTGCTGACATGCTCTTCAACCTTTTGTACAGGCACTTTTCTTATTTCAGGGGATGTTTGTGAGT
 CTCTTCCCATCCATCTGTGGTTCAGCTGGTGTAGTCTGCTGCATATGCTCTTCTATTCACTGTACT
 GCTTTGAGTACCGTTGGTTCAACAAAGGAATTGAAATGCACCAGCGATTGTGAACATAGAAAGGAATTG
 GCCTTACTACTTTGGGTTTGGCTTGGCTTGGCTTTCCTCACAGCAATGCAATCCTCCTACATTATCAGT
 GGCTGCCTTTTTCTATCCTGTTTCTTTATTTCATCATCAGCGCAATGAAGCAAAGACTCCTGGAAAAG
 CATATCTTTCCAGTTGGCCTATTCTCCTGGTGGTCTTTTTAAGCAACAGACTTTTCCACAAGACCGT
 CTACCTGCAGTACGCCCTGAGCAGCTCGTCTCTGCAGAGAAATTCCTTCGCCACATCCTTCTCCTGCC
 AAAGTGAAGCTGCTGCAGGCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_007915
Insert Size:	1077 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:	<u>NM_007915.5</u> , <u>NP_031941.1</u>
RefSeq Size:	2123 bp
RefSeq ORF:	1077 bp
Locus ID:	13663
UniProt ID:	<u>Q61070</u>
Cytogenetics:	9 20.68 cM
Gene Summary:	<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 (2) contains a different segment for its 5' UTR, compared to variant 1. 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>