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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC227253 representing NM_001199494
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTTTGGGGGCACTTCCCTCTCGCTGTATTTGATAGTCTGGGCAGTGGAGAGATGGCTGACAGTGTCA
AAACCTTTCTGCAGGACCTTGGCAGGGGAATCAAAGACTCCATCTGGGGCATCTGTACCATCTCAAAGCT
AGATGCTCGGATCCAGCAGAAGAGAGAGGAACAGCGTCGAAGAAGGGCAAGTAGCCTCTTGGCCCAGAGG
AGACCCCAGAGTGTAGAGCGGAAGCAAGAGAGTGAACCACGTATTGTTAGTAGAATTTTCCAGTGTTGTG
CTTGGAATGGTGGAGTATTCTGGTTCAGTCTCCTCTTGTTTTATCGAGTGTTTATTCCTGTACTTCAGTC
AGTAACAGCCCGGATTATTGGAGATCCATCACTTCATGGAGATGTTTGGTCATGGCTGGAATTCTTCCTC
ACATCAATTTTCAGTGCTCTTTGGGTGCTCCCCCTGTTTGTGCTTAGCAAAGTTGTGAATGCCATTTGGT
TCCAAGATATAGCTGACTTGGCATTTGAAGTATCAGGGAGGAAACCTCATCCATTCCCCAGTGTCAGCAA
AATAATTGCTGACATGCTCTTCAACCTTTTGCTACAGGCACTTTTCCTTATTCAGGGGATGTTTGTGAGT
CTCTTCCCCATCCATCTTGTGGGTCAGCTGGTTAGTCTGCTGCATATGTCTCTTCTCTATTCACTGTACT
GCTTTGAGTACCGTTGGTTCAACAAAGGAATTGAAATGCACCAGCGATTGTCGAACATAGAAAGGAATTG
GCCTTACTACTTTGGGTTTGGCTTGCCCTTGGCTTTCCTCACAGCAATGCAATCCTCCTACATTATCAGT
GGCTGCCTCTTTTCTATCCTGTTTCCTTTATTCATCATCAGCGCCAATGAAGCAAAGACTCCTGGAAAAG
CATATCTTTTCCAGTTGCGCCTATTCTCCTTGGTGGTCTTTTTAAGCAACAGACTTTTCCACAAGACCGT
CTACCTGCAGTCAGCCCTGAGCAGCTCGTCCTCTGCAGAGAAATTCCCTTCGCCACATCCTTCTCCTGCC
AAACTGAAAGCTGCTGCAGGCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

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ACCN:	NM_001199494
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001199494.1, NP_001186423.1
RefSeq Size:	2239 bp
RefSeq ORF:	1077 bp
Locus ID:	13663
UniProt ID:	Q61070
Cytogenetics:	9 20.68 cM
Gene Summary:	Acts as a negative growth regulator via p53-mediated apoptosis pathway. Regulates formation of degradative autolysosomes during autophagy (By similarity).[UniProtKB/Swiss-Prot Function] 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.

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