

Product datasheet for RN209112

Ei24 (NM_001025660) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ei24 (NM_001025660) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ei24
Synonyms:	MGC112713
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209112 representing NM_001025660 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGACAGTGTCAAACCTTTCTGCAGGACCTTGGCAGGGGAATCAAAGACTCCATCTGGGGCATCT
GTACCATCTCAAAGCTAGATGCTCGGATCCAGCAGAAGAGAGAGGAGCAGCGTGAAGGAGGGCAAGTAG
CCTTTGGCCCAGAGGAGAGCCCAGAGTGTAGAGCGGAAGCAAGAGAGTGAGCCACGATTGTTAGTAGA
ATTTCCAGTGTGTGCTTGAATGGTGGAGTATTCTGGTTCAGTCTCCTTTGTTTACCGAGTGTTTA
TTCTGTGCTTCAATCAGTAACAGCCCGGTTATTGGTATCCGTCACATGGAGATGTTGGTCATG
GCTGGAATTTCTCCTCACATCAATTTTCAGTGTCTTTGGGTGCTGCCCTGTTTGTGCTTAGCAAAGTT
GTGAATGCCATTTGGTTCCAAGATATAGCTGACTTGGCATTGAGGTATCAGGGAGGAAACCTCATCCAT
TCCCCAGTGTGAGCAAAATAATTGCTGACATGCTTTCAACCTTTTGGTACAGGCACTTTTCCTTATTCA
GGGATGTTTGTGAGTCTTTCCCATCCATCTTGTGGGTGAGTGGTTAGTTTGTGATATGTCTCTT
CTCTACTACTCTACTGCTTTGAGTACCGTTGGTTCAACAAAGGAATTGAAATGCACCAGCGATTGTCAA
ACATAGAAAGGAAGTGGCCTTACTACTTTGGGTTGGCTTGGCCTTGGCTTTCCTCACAGCAATGAATC
CTCCTACATTATCAGTGGCTGCCTTTTCTATCCTGTTTCCTTTATTCATCATCAGCCCAATGAAGCA
AAGACTCCTGAAAAGCATATCTTTCCAGTTGCGCCTTCTCCTTGGTGGTCTTTTAAAGCAACAGAG
TTTTCCACAAGACGGTCTACCTACAGTCCGCCCTGAGCAGCTCATCTCCGCAGAGAAATTCCTTCGCC
ACATCCTTCTCCTGCCAACTGAAAGCTGCTGCAGGCCACT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001025660
Insert Size:	1023 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_001025660.1</u> , <u>NP_001020831.1</u>
RefSeq Size:	2115 bp
RefSeq ORF:	1023 bp
Locus ID:	300514
UniProt ID:	<u>Q4KM77</u>
Cytogenetics:	8q21
Gene Summary:	Acts as a negative growth regulator via p53-mediated apoptosis pathway. Regulates formation of degradative autolysosomes during autophagy.[UniProtKB/Swiss-Prot Function]