

## Product datasheet for **MC203631**

### Edc4 (NM\_181594) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Edc4 (NM_181594) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Edc4
Synonyms:	BC022641
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC053081

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CGAACTGCGGCTAGGTTTTGTGTAGTGCTCTGTCTCTCTAGCGGGTCTGGCTGGCGAAATTGGA
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CCAGCCTGACCTGCGGGCATTGTGGAAGTGCCTGCTCCTGCAGACTTCCTCAGTCTGAGCAGTGAGACC
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TGAATTTCCATGTTCTTTTTACCTATAATTTGGATCTTTTTGTTTTTGAAGAAACATTGAGAAATGCAA
TTAAAGGCTTTTGAATAAAAGAAAAAAAAAAAAAAAAAAAAA
    
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**Restriction Sites:**

Ascl-NotI

**ACCN:**

NM\_181594

**Insert Size:**

4173 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).

<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><a href="#">BC053081</a></u> , <u><a href="#">AAH53081</a></u>
<b>RefSeq Size:</b>	4663 bp
<b>RefSeq ORF:</b>	4173 bp
<b>Locus ID:</b>	234699
<b>UniProt ID:</b>	<u><a href="#">Q3UJB9</a></u>
<b>Cytogenetics:</b>	8 D3
<b>Gene Summary:</b>	<p>The protein encoded by this gene is thought to promote mRNA decay, and is known to interact with several mRNA decapping proteins. In humans, decreased expression of this gene prevents the accumulation of mRNA decapping proteins to mRNA processing bodies (P-body). Alternative splicing results in multiple protein isoforms. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p>