

Product datasheet for MR211958

Edc4 (NM_181594) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Edc4 (NM_181594) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Edc4
Synonyms:	BC022641
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211958 representing NM_181594 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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Protein Sequence: >MR211958 representing NM_181594
Red=Cloning site Green=Tags(s)

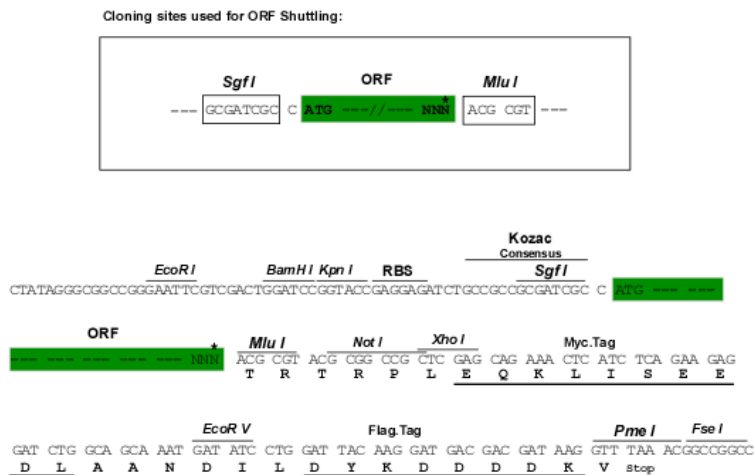
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PDSMASAASALHLLSPRPRQGP ELGSQLGLDGGPGDGRHSTPSLLEAL TQEVATPDSQVWPTAPDITR
ETCSTLTERPPYHLLQQRDSQDTSAEQSDHDDEVASL SASGGFGSKIPTPRLPSKDWKTKGSPRTSPKL
KRKSKKDDGDSAVG SRLTEHQVAEPPEDWPALIWQQRELAELWHNQEELLQRLCAQLEGLQSTVTDHVE
RALETRHEQEQRRLERALAEQQQRGGQLQEQLTQQLSQALSSAVAGRLERSVRDEIKKTVPVCVRSLEP
VAGQLSNSVATKLTAVEGSMKENISKLLKSKNLTDAIARAADTLQGPMQAA YREAFQSVVLP AF EKSCQ
AMFQQINDSFRLGTQEYLQQLESHMKS RKAREQEAREPVLAQLRGLVSTLQSATEQMAATVSSSVRAEVQ
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LQQGHLNQAQQALTAADLNLVLVYCETV DPAQVFGQPPCPLSQPVLLSLIQQLASDLGTRSDLKL SYLE
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9048_h08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



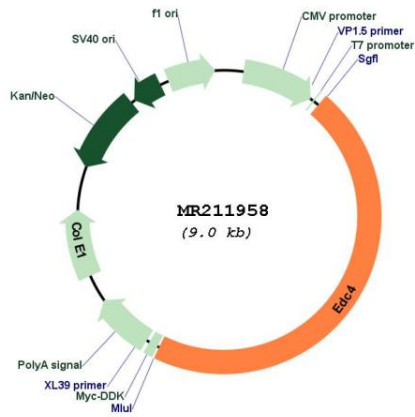
* The last codon before the Stop codon of the ORF

ACCN: NM_181594

ORF Size: 4170 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_181594.3 , NP_853625.1
RefSeq Size:	4755 bp
RefSeq ORF:	4173 bp
Locus ID:	234699
UniProt ID:	Q3UJB9
Cytogenetics:	8 D3
MW:	151.1 kDa
Gene Summary:	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]

Product images:



Circular map for MR211958