

Product datasheet for **MR208293**

Unc5cl (NM_152823) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Unc5cl
Synonyms:	2510009H09Rik; BB155270; Zud
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence: >MR208293 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGCCCCAGGAGAGCTCTGTTCACCTTCCAGTTCCTCTGTGGTGGGATCCCTGTGGCCAGTG
 CTCTCCTTCTGGCTCAGTGTCTTCGATGGCACTGTTGTCACTGGCTGCCAGGGACCTGCCGAAGCCGGA
 TGATCCAGAGGAGCCAGTGTCCCATCCACTCCATTACCAGAGTATGAGCTCCCAAGGCAGTGCCAGCC
 CCCACACTACCGGAGGTGGCTGCGTTCTACCAGGAACCCACATGCCTACCCAGGGCCAGACTGTCAACC
 GCCAGATGATGCATAAGCTACTGGTGTCTTCTGCTCGAGAGGTGGATCACCGTGGTGGATGCCTGATCCT
 GCAGGACACAGGCATCTCCCTGCTCATCCCGCCAGGTGCTGTGACCGTGGGTGCCAGGAGAGGGTGTCC
 TTGGTTCTGGTGTGGGACCTGACAGATGCCCCGTCAGTGTCTCATAGACAGGGAAGTGTGAGTCTGTGG
 TGGCCTGTGGCCCTCACGGGGCTCTTCTGAAGCCTTGACCCCTCACGTTCAAGCACTGCGCCCAACA
 GCCCAGTCAAGCATGTGCCTACAGCAGCAATACCTCCTTGCTGGATGCCAAGGACTGGAAGCCCCGCGT
 CAGCCGGGACTCATATCTCCAGGGACGAGTGTGATCCTGCTCTCTCACTTCACTCTCTACACCTGCG
 TTCTGGAGGCCCCCTTGCCAGACAGCCCGCAAGTGGCTGCAGCTGGCCATGTTCTGCTCCCCACTGGT
 GCCAGGGCAGACACCTGCAGCTGCGCGTCTACTTCTGAACAACACTCCCTGCGCCCTGCAGTGGGCT
 ATCACCATGAACAGCCGACGGGGACGATGCGCGGGCCGTGCCAGCTCTTCGACTTCACTGGGGCCA
 GAGCAGACCAAGTGCCTGAAGCTCAAGTACATCTCTGAGGGTTGGGAGAAATGTGGATGATAGCAGTAGCCA
 GCTGGTTCACATCTCCACATCTGGCATGGAAGTGCCCTTCCGTTCTTCTGCTTCCGAGAAAGGCA
 GCCAATGGGAATGAAGAGTGTCTGGCATTAAACCAATGAGATCATTGTCAACATGCACACCTTCCAGGATG
 GCTTGGAAACCAATACGTTGAAATCCTCAGATTCCAGGCATTGGAGGAAGAGACCTGGGCAGTGCCCC
 TCCTGTCTCCAGCCACCCTGTGCAACAGGCTGCCCCCAGAGCTCTTTGAGCAGCTGCAGATGTTGTTG
 GAGCCCAACAGTGTCACTGGGAATGACTGGCGCAGACTGGCCTCCACCTGGGTCTCTGTGGCATGAAAA
 TCCGGTTCTTGCTGCTGCCAGCGCAGTCCCGCCGCGGCCATTCTGGAATTGTTGAGGAAACAGAAATGGCAG
 CTTGACAGGAGCTGCACTATCTCATGACCTCCATGGAGCGGCTGGACTGCGCCTCTGCCATCCAGAACTAC
 CTAACCGGTCTCCCGGGGACGCTGACAGGTTGCATGGAGGCACCTGGGAGAACCATGGCCTAGAGC
 TGGATGAGAAACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

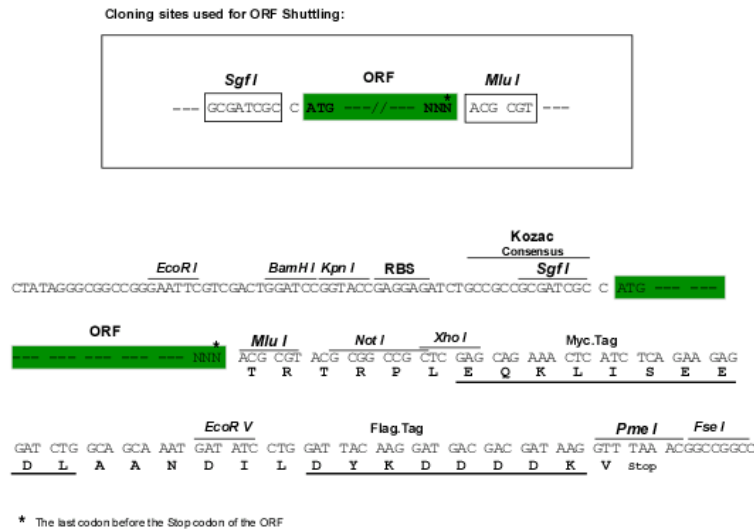
Protein Sequence: >MR208293 protein sequence
 Red=Cloning site Green=Tags(s)

MSPQESSVQPSQFLLLVGIPVASALLLAQCLRWCCQWLPGTCTCRKPDDPEEPVSPSTPLPEYELPRQCPA
 PTLPEVAIFYQELHMPQTGGTVTRQMMHKLLVFSAREVDHRGGCLILQDTGISLLIPPGAIVTGRQERS
 LVLVWDLTDAPSLSHRQGLVSPVVACGPHGASFLKPCITLTFKHCAQQPSQACAYSSNTSLDAKDWKPLR
 QPGTHISRDECRILLSHFSLYTCVLEAPLQGTARKWLQLAMFCSPPLVPGQTHLQLRVYFLNNTPCALQWA
 ITNEQPHGGMRGPGQLFDFTGARADQCLKLYISEGWENVDDSSQLVPHLHIWHGKCPFRSFCFRKKA
 ANGNEECALTNEIIVTMHTFDQGLETKYVEILRFQALEEETWAVPPPVSPPLCNRLPPELFEQLQMLL
 EPNSVTGNDWRRLASHLGLCGMKIRFLSCQRSPAAAILELFEEQNGSLQELHYLMTSMERLDCASAIQNY
 LNRSPRGSPDRLHGGTWNHGLELDEKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152823

ORF Size: 1554 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:

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.

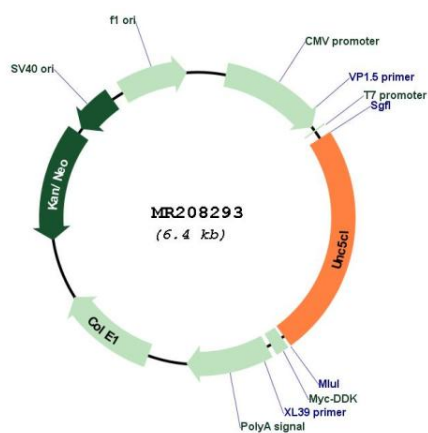
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_152823.3](#), [NP_690036.3](#)

RefSeq Size: 2838 bp

RefSeq ORF: 1557 bp
Locus ID: 76589
Cytogenetics: 17 C
MW: 58.1 kDa

Product images:



Circular map for MR208293