

Product datasheet for **MR207692**

C730048C13Rik (BC050265) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C730048C13Rik (BC050265) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C730048C13Rik
Synonyms:	AA986766; C730048C13Rik; UST1R
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR207692 representing BC050265
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTTTCAGGAACCTCTGAATCAAGTTGGAAGCCTAGGAAGATTCCAGATCCTTCAGATCTCTTTTGT
 TTCTCTTCTCGTAGGCCTGTGGTACCTCATATTACAATGGAGAAGCTTTACTGCAGCCATTCCCAATCA
 TCGCTGCTGGGCCCCATCCTTGACAATGACACTGCCTCTGATAATGGCAGTAGGATCCTGAGCCAAAGT
 GACCTCTGAGGATCTCCATCCCCTGGATTCCAACCTGAGACTGGATAAATGTCGTCGTTTTGCCAAC
 CACAGTGGCATCTTCTTCATTTGAATGGCACTTTCTCCAATGAGACAGAGCCAGACACTGAGCCCTGTGT
 GGATGGTTGGGTGTATGACAGGAGCAACTTCTTTCTACCATTGTGACTGAGTGGACCTGGTGTGTGAA
 TCTCAGGCACTGAATTCTGTTGCTAAATTTTCATTCATGATTGGCCTATTTATAGGGCTATCATATGTG
 GCCATTTGTGACAGGTTGGGAGGAAGTTCAATTTAACATGTGCTTTATTACAATTTGCCATCACTGA
 AACCTGTGTAGCTTTTGTCCCTCTTCTCATCTACTGCTTACTTCGATTCTGGCAGGAATGTCTGTG
 GAACCCATATCAGTAAATAGTCACTTGGCTCATGTTAGAATGGACAAGCCCTAAATTCCTAGGCATGGTGG
 CAGTGCTTACATCTTGTGCTGCTAGTATCGGATACATGATATTGGCAGGCTGGCTTTTCTATTTAGAAT
 CTGGCGTACCTCCAGCTAGCAATGTCTGTGCCAATATCTTCTTCTTATACTCACAAGGTGGATGTCA
 GAGTCGGCTCGGTGGCTGATTGTGACCAACAAACCCAGAAGGGCTTAAAGGAACCTAGAAAAGTTGCAC
 ACATGAATGGAATGAAAAATCTGGAAATACCCTAACCATGGAGGTTGTGGAAGCAAGTATGAAGAATGA
 ACTTGAGGCAGCAAAAAGAAAATCTTCTCCAAGAGACTTGTCCACACCCCATCTACGAAAGCGGATA
 TGTGTCTGTCTTTATGAGATATTTATTTACAGTATCTATTTTGGCCTACACTTCACCTCCAACACC
 TGAGTACTAATATTATCTGTTGCAGTTTCTCAGTAGTGCATTGGGCATACTAATTAGTGTATTGGACA
 TTTTGTCTTAATCACATGGGACGTAGAATAAAGTCAAGTGGTTCTCATGTCCCTGAGGGGAATATTCATG
 TTGACTGCTGATTTGTACCTCAAGTTGAAAAGAGTCAAGACAAGCAAAGGAGGAGGATTCCATCATTAA
 AGTCACAAGGTTTGGAGAACTCCTGGAATTGCCATCTGATCCAAGAGAAGAAAATTTTGTTCAGGACAT
 GGTGACAATTTTCTCAGATGATTACTCAGAATCTTTTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207692 representing BC050265
 Red=Cloning site Green=Tags(s)

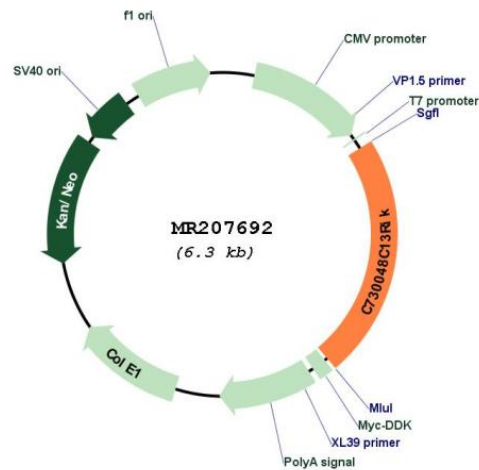
MAFQELLNQVGS LGRFQILQISFVFLVGLVVP HITMENFTAAIPNHRCWAPILDNDTASDNRSRILSQD
 DLLRISIPLDNSLR LDKCRRFAQPQWHLLH LNGTFSNETEPDTEPCVDGWVYDRSNFLSTIVTEWDLVCE
 SQALNSVAKFSFMIGLFIGAIICGHLSDRFGRKFI L TCALLQFAITETCVAFAPSFYIYCLLRFLAGMSV
 EPI SVNSHLLMLEWTS PKFLGMVAVL TSCAASIGYMILAGLAF L FRIWRHLQLAMSVPIFFLILTRWMS
 ESARWLIVTNKPQKGLKELRKVAHMNGMKNSGNTL TMEVVEASMKNELEAAKRKSSPRDLFHTPI LRKRI
 CVLSFMRYLFTVSIFGLSLHLQHLSTNIILLQFLSSALGILISVIGHFVLNMGRRITQLVMSLRGIFM
 LTA VFVPQVGKSQDKQRRRIPSLK SQGFEELELPSDPREENFVQDMVTIFSDDYSEFFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: BC050265

ORF Size: 1440 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.

RefSeq: [BC050265.1](#)

RefSeq Size: 2029 bp

RefSeq ORF: 1442 bp

Locus ID: 319800

Cytogenetics: 19 A

MW: 74.4 kDa