

## Product datasheet for **MR204792**

### 4930430F08Rik (NM\_175128) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	4930430F08Rik (NM_175128) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	4930430F08Rik
Synonyms:	4930571E09Rik; A730088G13Rik; AW551239; C430008C19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204792 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGCGCTGGGCTCGGTGCAGCGGAAGATGCCGTGTGTGTTGTGACGGAGGTGAAAGCTGAGCCTT  
CAGCCAAGCGGGAGCATCAGCCATTTAAAGTTTTGGCAACTGAACTCTAAGTGAAAAGCGTTAGATGC  
AGACGTGTACAATGCGGTTGCAACAGAAAAAGTGGATGGAACATGCTGCTATGTTACTAACTACAAAGT  
CAGCCATACCTTTGGGCTCGACTAGATAGAAAACCTAACAAAGCAGGCTGACAAGAGATTTAAAAATTTT  
TACATTTAAAAGAAAGTGCAAAAGAGTTTCACTGGAACACTGAGGAAGACTTCAAGCCTGTCCAGAGTG  
CTGGATACCAGCAAAGGAAATAGAAAAACAAAACGGGAAGCCAGTGCCTGATGAAAACGGACACATCCCT  
GGTTGGGTACCAGTAGAGAAGGGCAGCAAGCAATATTGCTGGCACTCGTCGGTAGTGAATTACGAGTTTG  
GAATTGCCCTGGTACTAAGGCACCATCCTGATGATCCCGGGTTTTGGAAATTAGTGTGTTCCCTGTG  
AGAGCTTTTAGAGCAAACCCTGGAGCTGATAGGCACGAGTATCAATGGAAACCCCTATGGGCTGGGAAGC  
AAGAAATCCCGTTACATTTTCTCACACCACACGGAGCATTCCAGGTGAGAAATCTGCCCACTGAAAC  
ACAATGACCTGTGTCTGGTTTGAAGACTGCAGAGAGGGTCAAATTAAGGGATTGTGTGGCATTGCGG  
TGACGGCTGTTTAATTAAGGTCCATCGTCACCATCTTGGTTTATGCTGGCCACTCCAGATACTTACATG  
AATTCAAACCAGTTATTATTAACATGAACCTGAACCTGAACAATTATGACTGTCTTTTGATAACCACT  
CTTTGTTAATCAGTTTTCAAAAATAGATAAACAGAAATTTGAGAGACTCAAAGACATAAATACTTGATGT  
A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204792 protein sequence  
Red=Cloning site Green=Tags(s)

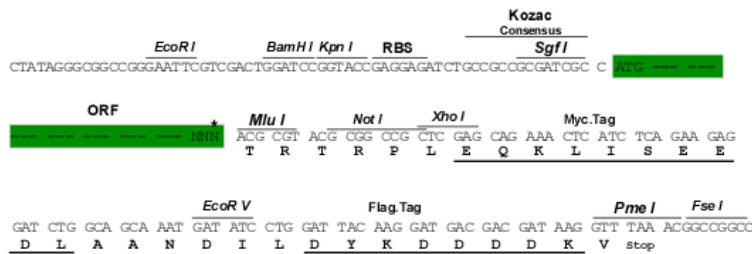
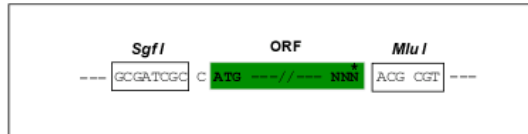
MKRLGSVQRKMPCVFVTEVKAEPSAKREHQPFKVLATETLSEKALDADVNAVATEKVDGTCCYVTNYKG  
 QPYLWARLDRKPNKQADKRFFKFLHSKESAKEFWNTEEDFKPVPECWIPAKEIEKQNGKPVDPENGHIP  
 GWVPVEKGSKQYCWSSVYNEFGIALVLRHHPDDPGVLEISAVPLSELLEQTLELIGTSINGNPYGLGS  
 KKSPLHFLTPHGAFQVRNLPTLKHNDLLSWFEDCREGQIEGIVWHCGDGCLIKVHRHHLGLCWPLPDTYM  
 NSKPVIINMNLNLYDCAFNDQSLFNQFSKIDKQKFERLKDIILDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_175128

**ORF Size:** 984 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:** [NM\\_175128.2](#)

**RefSeq Size:** 2419 bp

**RefSeq ORF:** 984 bp

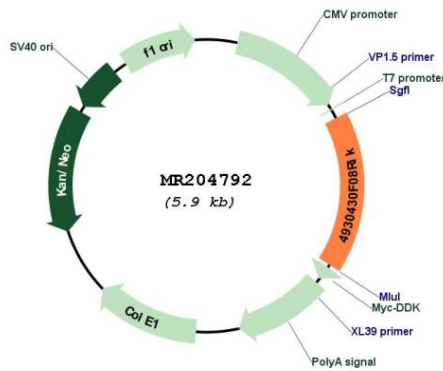
**Locus ID:** 68281

**UniProt ID:** [Q8BHN7](#)

**Cytogenetics:** 10 D1

**MW:** 37.4 kDa

**Product images:**



Circular map for MR204792