

Product datasheet for MR221906

Ipcef1 (NM_001033391) Mouse Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ipcef1 (NM_001033391) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Ipcef1 |
| Synonyms: | A130090K04Rik |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >MR221906 representing NM_001033391 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCACAGAAGGCAATGCAGAGAAAGCAGATGGATTTGTCAACCTTTCAGATTCACAGTGAAAGAG
CCTCTGAATGCAAGAAAAAATGCATTTAAGATCAATCACCCACAGATCAAAGCCTTCTACTTTGCAGC
AGAGAATTTGCAGGAAATGAATGTGTGGTTAAACAACTTGGATTTGCTGTGACCCACCAGGAATCCATC
ACAAAGGATGAAGAATGTTACAGTGAGAGCGAGCAGGAAGATCCTGAAGTTGCCGTGGAGGCACCACCCC
CTCCGTATGCTTCCACAACCTCCTCCTGTGGCTGCACAGTGGGCATCTTCTTCTCACCTAAACGGAG
AGAAACATCATGTTCTTCTCTTCTGAAAAATACAGTAAAGGCACCCAGCCAGTTTTCTTCTCGGGA
TCTAAAGAACGACAGTCTCGGCACAACATAGTTAACAGCTCACCTGCTACTGAAGATGCGGGGCTTCCCC
TCACATTTGCTGAGCAGGTCCACACACTGCCTTCTCAGAAGCAAGCAATTGCCAGGCCCCAGAAAAAA
CTGCATCACATCAGAAGGTGTTTGTGAACTTGTGTCTAGTGATGACACTTCTCACTGAATAACAAT
AAAGACCATCTAACAGTCCCAGACAGAGCTGCTGGATCAAGAATGGCAGACAGAGGATTTCTCTGTGTAG
CCTTGGCTATCTTGAACTCACTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR221906 representing NM_001033391
Red=Cloning site Green=Tags(s)

MATEGNAEKADGFVNLSDFTV ERASECKKKNAFKINHPQIKAFYFAAENLQEMNVWLNKLGFAVTHQESI
 TKDEECYSESEQEDPEVAVEAPPPPYASTTSSPVAAQWASSSSPKRRETSCSFSSLENTVKAPSQFSSSG
 SKERQSWHNI VNSSPATEDAGLPLTF AEQVHTLAFSEASNCQAPENNCITSEGGLLNLLSSDDTSSLNNN
 KDHLTPDRAAGSRMADRGLFCVALAILELTL

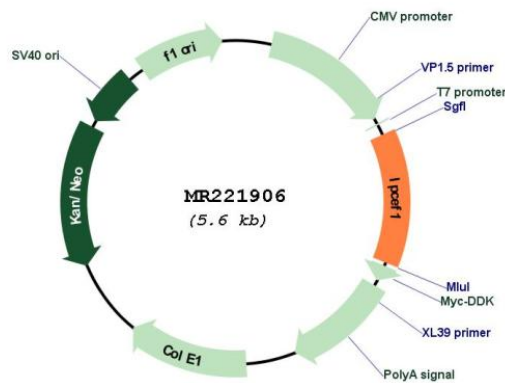
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001033391
ORF Size: 726 bp

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| 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_001033391.2 , NP_001028563.1 |
| RefSeq Size: | 1174 bp |
| RefSeq ORF: | 729 bp |
| Locus ID: | 320495 |
| Cytogenetics: | 10 A1 |
| MW: | 26.7 kDa |
| Gene Summary: | Enhances the promotion of guanine-nucleotide exchange by PSCD2 on ARF6 in a concentration-dependent manner.[UniProtKB/Swiss-Prot Function] |