

Product datasheet for MR221879

Ipcef1 (NM_001170802) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ipcef1 (NM_001170802) 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: >MR221879 representing NM_001170802
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGTCGGAGAAGGATATCCTGTAAAGATCTGGGCCACGCTGACTGCCAGGGTTGGCTGTACAAGAAA
 AGGAAAAGGGAACTTTTCTAAGCAACAATGGAAAAGTTCTGGGTGGTCTGAAGGGCTCATCGTGTA
 TTGGTATAGCAATCAAAATGGCAGAGAAAGCAGATGGATTTGTCAACCTTTCAGATTTACAGTGAAAGA
 GCCTCTGAATGCAAGAAAAAATGCATTTAAGATCAATCACCCACAGATCAAAGCCTTCTACTTTGCAG
 CAGAGAATTTGCAGGAAATGAATGTGTGGTTAAACAAACTTGGATTTGCTGTGACCCACCAGGAATCCAT
 CACAAAGGATGAAGAATGTTACAGTGAGAGCGAGCAGGAAGATCCTGAAGTTGCCGTGGAGGCCACCC
 CCTCCGTATGCTTCCACAACCTCCTCCTGTGGCTGCACAGTGGGCATCTTCTTCTTACCTAAACGGA
 GAGAAACATCATGTTCTTCTCTCTGGAAAATACAGTAAAGGCACCCAGCCAGTTTTCTTCTCGGG
 ATCTAAAGAACGACAGTCCTGGCACAACATAGTTAACAGCTCACCTGCTACTGAAGATGCGGGGCTTCCC
 CTCACATTTGCTGAGCAGGTCCACACACTTGCCTTCTCAGAAGCAAGCAATTGCCAGGCCCCAGAAAACA
 ACTGCATCACATCAGAAGGTGGTTTGTGAAGTGTGTCTAGTGATGACACTTCTCACTGAATAACAA
 TAAAGACCATCTAACAGTCCAGACAGAGCTGCTGGATCAAGAATGGCAGACAGAGTAAACCAGGAATT
 TGCTTACTCTTCTTAGATGGTGAATATTTGCTGGGCATTGTATAATTCTGATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR221879 representing NM_001170802
 Red=Cloning site Green=Tags(s)

MSRRRISCKDLGHADCQGWLYKKKEKGTFLSNKWKFFWVVLKGSSELYWYSNQMAEKADGFVNLSDFTVER
 ASECKKNNAFKINHPQIKAFYFAENLQEMNVWLNKLGFAVTHQESITKDEECYSESEQEDPEVAVEAPP
 PPYASTTSSPVAQWASSSSPKRRETSCSFSSLENTVKAPSQFSSSGSKERQSWHNIVNSSPATEDAGLP
 LTFAEQVHTLAFSEASNCQAPENNCITSEGGLNLLSSDDTSSLNNNKDHLTVPDRAAGSRMADRKGKPGI
 CLLFLDGEYLLGHCIILI

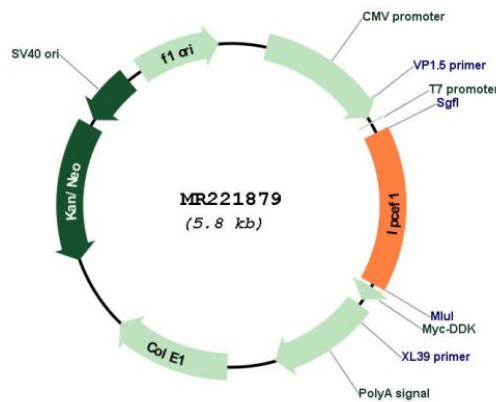
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001170802

ORF Size: 894 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_001170802.1 , NP_001164273.1
RefSeq Size:	3216 bp
RefSeq ORF:	897 bp
Locus ID:	320495
Cytogenetics:	10 A1
MW:	33.5 kDa
Gene Summary:	Enhances the promotion of guanine-nucleotide exchange by PSCD2 on ARF6 in a concentration-dependent manner.[UniProtKB/Swiss-Prot Function]