

Product datasheet for MC214468

Ipcef1 (NM_001170801) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ipcef1 (NM_001170801) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ipcef1
Synonyms: A130090K04Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214468 representing NM_001170801
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCGGAGAAGGATATCCTGTAAAGATCTGGGCCACGCTGACTGCCAGGGTTGGCTGTACAAGAAA
 AGGAAAAGGGAACCTTTCTAAGCAACAATGGAAAAGTTCTGGGTGGTCTGAAGGGCTCATCGCTGTA
 TTGGTATAGCAATCAAATGGCAGAGAAAGCAGATGGATTTGTCAACCTTTCAGATTTACAGTGAAAGA
 GCCTCTGAATGCAAGAAAAAATGCATTTAAGATCAATCACCCACAGATCAAAGCCTTCTACTTTGCAG
 CAGAGAATTTGCAGGAAATGAATGTGTGGTTAAACAAACTTGGATTTGCTGTGACCCACCAGGAATCCAT
 CACAAAGGATGAAGAATGTTACAGTGAGAGCGAGCAGGAAGATCCTGAAGTTGCCGTGGAGGCCACCC
 CCTCCGTATGCTTCCACAACCTCCTCCTGTGGTACGTGTTGATGCTGCACAGTGGGCATCTTCTTCTT
 CACCTAAACGGAGAGAAACATCATGTTCTTTCTTCTCTGAAAATACAGTAAAGGCACCCAGCCAGTT
 TTCTTCTCGGGATCTAAAGAACGACAGTCCCTGGCACAACATAGTTAACAGCTCACCTGCTACTGAAGT
 GCGGGGCTTCCCCTCACATTTGCTGAGCAGGTCCACACACTTGCCTTCTCAGAAGCAAGCAATTGCCAGG
 CCCAGAAAACAACTGCATCACATCAGAAGGTGGTTTGTGAAGTGTGTGCTAGTGACACTTCTTC
 ACTGAATAACAATAAAGACCATCTAACAGTCCCAGACAGAGCTGCTGGATCAAGAATGGCAGACAGAGT
 AAACCAGGAATTTGCTTACTCTTCTTAGATGGTGAATATTTGCTGGGCATTGTATAATTCTGATATA**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001170801
Insert Size: 909 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_001170801.1, NP_001164272.1</u>
RefSeq Size:	3228 bp
RefSeq ORF:	909 bp
Locus ID:	320495
Cytogenetics:	10 A1
Gene Summary:	Enhances the promotion of guanine-nucleotide exchange by PSCD2 on ARF6 in a concentration-dependent manner.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice site and an alternate 3' splice pattern, compared to variant 1. The resulting isoform (2) includes an additional 4-aa segment and has a shorter and distinct C-terminus, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.