

Product datasheet for MC214467

Ipcef1 (NM_001170800) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ipcef1 (NM_001170800) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ipcef1
Synonyms:	A130090K04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214467 representing NM_001170800 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTCGGAGAAGGATATCCTGTAAAGATCTGGGCCACGCTGACTGCCAGGGTTGGCTGTACAAGAAA
AGGAAAAGGGAACCTTTCTAAGCAACAAATGAAAAAGTTCTGGGTGGTCTGAAGGGCTCATCGCTGTA
TTGGTATAGCAATCAAATGGCAGAGAAAGCAGATGGATTTGTCAACCTTTAGATTTACAGTGGAAAGA
GCCTCTGAATGCAAGAAAAAATGCATTTAAGATCAATCACCCACAGATCAAAGCCTTCTACTTTGCAG
CAGAGAATTTGCAGGAAATGAATGTGTGGTTAAACAACTTGGATTTGCTGTGACCCACCAGGAATCCAT
CACAAAGGATGAAGAATGTTACAGTGAGAGCGAGCAGGAAGATCCTGAAGTTGCCGTGGAGGCACCACCC
CCTCCGTATGCTTCCACAACCTCCTCCTGTGGCTGCACAGTGGGCATCTTCTTCCACCTAAACGGA
GAGAAACATCATGTTCTTCTCTCTGGAAAATACAGTAAAGGCACCCAGCCAGTTTTCTTCTCGGG
ATCTAAAGAACGACAGTCTGGCACAACATAGTTAACAGCTCACCTGCTACTGAAGATGCGGGGCTTCCC
CTCACATTTGCTGAGCAGGTCCACACACTTGCCTTCTCAGAAGCAAGCAATTGCCAGGCCCCAGAAAAACA
ACTGCATCACATCAGAAGGTGGTTTGTGAACTTGTGTCTAGTGATGACACTTCTCACTGAATAACAA
TAAAGACCATCTAACAGTCCCAGACAGAGCTGCTGGATCAAGAATGGCAGACAGAGAAGAAATAAATCA
TCTGAAGATGATGAGATGGAAAAATTGTACAAATCACTGGAGCAGCTAGCCTGTCTCTTGGGGACC
GGCGGCCTTCAACCAAGAAGGAGCTGAGAAAGTCTTTTGTGAAGCGATGCAAAAACCCATCGATAAACGA
GAAGTTGCACAAGATCAGAACCCTGAACAGCACATTAAGTGCAAGAACACGATTTGGCTATGATCAAC
CAGCTGCTGGATGATCCAAGCTGACAGCCAGGAAGTACAGAGAGTGGAAGGTCATGAACACCCTGCTGA
TCCAGGACATCTATCAGCAGCAGGCACCTCAGGACCCTGAAGTCAACCCTCAGGAAGTCATGAATCCAC
GTCTTCTGATTGTGTGAAAAATTCTCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001170800
Insert Size:	1221 bp
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_001170800.1</u> , <u>NP_001164271.1</u>
RefSeq Size:	5561 bp
RefSeq ORF:	1221 bp
Locus ID:	320495
UniProt ID:	<u>Q5DU31</u>
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 (1) encodes 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.