

Product datasheet for MC214469

Ipcef1 (NM_001033391) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ipcef1 (NM_001033391) 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:	>MC214469 representing NM_001033391 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACAGAAGGCAATGCAGAGAAAGCAGATGGATTTGTCAACCTTTCAGATTCACAGTGAAAGAG
CCTCTGAATGCAAGAAAAAATGCATTTAAGATCAATCACCCACAGATCAAAGCCTTCTACTTTGCAGC
AGAGAATTTGCAGGAAATGAATGTGTGGTTAAACAACTTGGATTTGCTGTGACCCACCAGGAATCCATC
ACAAAGGATGAAGAATGTTACAGTGAGAGCGAGCAGGAAGATCCTGAAGTTGCCGTGGAGGCACCACCC
CTCCGTATGCTTCCACAACCTCCTCCTGTGGCTGCACAGTGGGCATCTTCTTTCACCTAAACGGAG
AGAAACATCATGTTCTTCTCTTCTCTGAAAATACAGTAAAGGCACCCAGCCAGTTTTCTCCTCGGGA
TCTAAAGAACGACAGTCCCTGGCACAACATAGTTAACAGCTCACCTGCTACTGAAGATGCGGGGCTCCCC
TCACATTTGCTGAGCAGGTCCACACACTTGCCCTTCTCAGAAGCAAGCAATTGCCAGGCCCCAGAAAAAA
CTGCATCACATCAGAAGGTGGTTTGTGAACCTGTTGTCTAGTGATGACACTTCTTCACTGAATAACAAT
AAAGACCATCTAACAGTCCCAGACAGAGCTGCTGGATCAAGAATGGCAGACAGAGGATTTCTCTGTGTAG
CCTTGGCTATCTTGGAACTCACTTT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001033391
Insert Size:	729 bp



[View online »](#)

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_001033391.2</u> , <u>NP_001028563.1</u>
RefSeq Size:	1174 bp
RefSeq ORF:	729 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 (4) represents use of an alternate promoter, 5' UTR, and 5' coding region, and uses an alternate 3' splice pattern, compared to variant 1. The resulting isoform (4) differs at the N- and C-termini and is shorter than isoform 1.