

Product datasheet for RN216584

Ipcef1 (NM_001170799) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ipcef1 (NM_001170799) Rat Untagged Clone
Tag: Tag Free
Symbol: Ipcef1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216584 representing NM_001170799
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGTCGGAGAAGGATATCCTGTAAAGATCTGGGCCACGCTGACTGCCAGGGCTGGCTGTACAAGAAA
 AGGAAAAGGGAACCTTTCCTAAGCAACAAATGGAAAAAGTTCTGGGTGGTGTGAAGGGGTCACTACTGTA
 CTGGTATGGCAATCAATTGGCAGAGAAAGCAGATGGATTTGTCAACCTGCCAGATTTACAGTGGAAAGA
 GCCTCTGAATGCAAGAAAAAATGCATTTAAGATCAATCACCCACAGATCAAAAACCTTCTACTTTGCAG
 CAGAGAATTTGCAGGAAATGAATATGTGGCTAAACAAACTTGGATTTGCTGTGACCCACAAGGAATCCAC
 TACCAAGGATGAAGAATGTTACAGCGAGAGCGAGCAGGAAGATCCTGAAACAGCCGTGGAGGCACCGCCC
 CCTCCATCCGCGTCTGCAACATCCTCTCCTGTGGCTGCACGGCGGCATCTTCTTCTCACCCAAACGGA
 GAGAAACATCATGTTCTTCTCTCTGGAAAATACAGTAAAGGCACCCAGCCGGTTTTCTTCTCGGG
 ATCTAAAGAAAGACAGTCGTGGCTTGACATAGTTAACAGCTCGCCTGCTACCGAAGATGTGGGACATCCC
 CTGTCAATTTGCTGTACAGGTCCACACACTTGCCTCCTCAGAGGCAAGCAGTTGCCGGTCTCAGAAAACA
 GCTCCACAACACCAGAAAGTGGTTGTTGAACTCTTTGTCTAGTGATGACACTTCTCACTGAACAACAG
 TCAAGACCATCTAACAGTCCCAGACAGAGCTTCTGGATCAAGAATGACAGACAGAGACGAAATAAATCG
 TCCGAAGACGATGAGATGGAGAACTGTACAAGTCATTGGAGCAGGCTAGCCTGTCTCCTTTGGGGACC
 GGCGACCTTCAACCAAGAAGGAGCTGAGAAAGTCTTTTGTGAAGCGATGCAAAAACCCATCAATAAACGA
 GAAGCTGCACAAGATCAGAACCTTGAACAGCACATTAAGTGCAAGAACATGATTTGGCTATGATCAAC
 CAGCTGCTGGATGACCCAAAGCTGACAGCCAGGAAGTACAGAGAGTGAAAGTATGAACACCCTGCTGA
 TCCAGGACATCTATCAGCAGCAGGTACCTCAGGACCCTGAAGTCAACCCTCAGGAAATCATGAACCCAC
 CTTCTGACTGTGTGAAAAATTCTCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001170799
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001170799.1, NP_001164270.1</u>
RefSeq Size:	1517 bp
RefSeq ORF:	1221 bp
Locus ID:	361474
UniProt ID:	<u>Q80VL0</u>
Cytogenetics:	1q11
Gene Summary:	binds guanine nucleotide exchange factor cytohesin 2 and increases cytohesin 2 mediated formation of ADP-ribosylation factor GTP-ase [RGD, Feb 2006]