

Product datasheet for RN214972

Plice1 (NM_053758) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plice1 (NM_053758) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plice1
Synonyms:	Plice
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214972 representing NM_053758 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGTCCGAAGAAATGGCCGCTTCCTCCTCATCCCGGTGCCTCAAAGGAAAGTGGCTTCTGCCAGT
CAGTGGCAGAGGAGCGGGGTGAAAAGGTCTCAGAAGCCGGCATTCTAAGACACGAGCTGGCAGACAGGG
TGGGCTCACCCCTCGTACCATCTCACAGCGGAACGAACCTGAGGAAGAGTCTCCTAGAAGTATTTTTCC
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GAATCAGCAAGGAGCTGATTGATCTCCAGCCCCTCATTAGTTCCCGGAGGAAGTAGCCAGCATCTTAAC
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GGTGCAGGCATCCAGAGAAGATAAAAGGAGGGGCATCTCTTTGCAAGTGAAGTCAAGAACTCACGAAG
TCCACTAAGCAAACCCGAGGACTCACCTCGCCTCTCAGCTTGTGGCCTCAGAAGTGTGCAAGCAAGG
AGGAGAAAACCCATGGGTGCCTTGGCCTCTGGTGACACAGCGGGCTACCAGTCGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_053758

Insert Size:

6846 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:

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_053758.2, NP_446210.1

RefSeq Size:

8355 bp

RefSeq ORF: 6846 bp
Locus ID: 114633
UniProt ID: [Q99P84](#)
Cytogenetics: 1q53
Gene Summary: one of four classes of phospholipase C; directly regulated by Ras [RGD, Feb 2006]