Product datasheet for RN214186

Hpcal1 (NM_017356) Rat Untagged Clone

Product data:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Type</td>
<td>Expression Plasmids</td>
</tr>
<tr>
<td>Product Name</td>
<td>Hpcal1 (NM_017356) Rat Untagged Clone</td>
</tr>
<tr>
<td>Tag</td>
<td>Tag Free</td>
</tr>
<tr>
<td>Symbol</td>
<td>Hpcal1</td>
</tr>
<tr>
<td>Synonyms</td>
<td>NVP-3; Nvp3; VILIP-3</td>
</tr>
<tr>
<td>Vector</td>
<td>pCMV6-Entry (PS100001)</td>
</tr>
<tr>
<td>E. coli Selection</td>
<td>Kanamycin (25 ug/mL)</td>
</tr>
<tr>
<td>Cell Selection</td>
<td>Neomycin</td>
</tr>
<tr>
<td>Fully Sequenced ORF</td>
<td>&gt;RN214186 representing NM_017356</td>
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</tbody>
</table>

Red = Cloning site  Blue = ORF  Orange = Stop codon

```
TTTTGTAATACGACTCATATAGGCGCCGGAATTCGTGACTTGCTACCGGTACCGAGGAGATCTGCCGCC
GCCGATCGCC
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ACCTCGGACACCAACAGCGATGCGACCATCGACTTCCGGGAGTTTCATCAGCCACTGAGCCGCTGACCTTCTC
GGGGCAAGCTGAGGACGCAAGCTCAAAGTGGCCCTCAGACTGACGCTGAGCCGCAACCCCTACATGCAG
CCGCAGTGAAATGCTCGGAGATTTGCTGACGGCCATCTCAAGATGTTGCTTCCGCTGATGAGATGCCGAGC
GATGAGTCCACACCAGAGGACACAGAGCAAGATCTTCAGAGGCAGGAGGAGAAGATAGTGCAGCCGAG
GTACGGAGGGCCGCGAAGAGGCCGAGAAGAGAGAAGCTCTCAGAGGGAGAAGAGATAGTGCAGCCGAG
CAGCAGTCTGAGCAGCTTGAAGATTTCAATGCGCCAGCTTCAAGAAGGAGATCTGCTGAGGAGAAGATAGTGCAGC
```

Restriction Sites:  SgfI-MluI

ACCN:               NM_017356

Insert Size:        582 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).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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RefSeq: NM_017356.2, NP_059052.1
RefSeq Size: 1721 bp
RefSeq ORF: 582 bp
Locus ID: 50871
Cytogenetics: 6q16
Gene Summary: plays a role in neuronal calcium sensing [RGD, Feb 2006]