

Product datasheet for MC204099

Ace (NM_207624) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ace (NM_207624) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ace |
| Synonyms: | AW208573; CD143 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >BC040404 |

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CCCACGCGTCCGGCGCGCACCGCGCCATGGGGGCCGCGTCCGCCAGCGGGGCGGTGGCCGTTGTCCGC
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CTGGATGCCAAGGCACTGCTGGAGTACTTCCAACCGGTGAGCCAGTGGCTGGAAGAGCAGAATCAGCGGA
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 CTCTTTGCTGTCCCATCCACTCTGCCACCCCCACCCCCAGGCCAGCCCCATTCTTGATACC
 CAGTGTCTAACCCGACTTCCCTGCCAGTCTCTGTGAATACAATTAAGGTCTCCCCCAAAAAAAAAAAAA AAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_207624
- Insert Size:** 3939 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).

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| 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>BC040404</u> , <u>AAH40404</u> |
| RefSeq Size: | 4205 bp |
| RefSeq ORF: | 3939 bp |
| Locus ID: | 11421 |
| UniProt ID: | <u>P09470</u> |
| Cytogenetics: | 11 68.84 cM |
| Gene Summary: | <p>Converts angiotensin I to angiotensin II by release of the terminal His-Leu, this results in an increase of the vasoconstrictor activity of angiotensin. Also able to inactivate bradykinin, a potent vasodilator. Has also a glycosidase activity which releases GPI-anchored proteins from the membrane by cleaving the mannose linkage in the GPI moiety. This GPIase activity seems to be crucial for the egg-binding ability of the sperm.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p> |