

Product datasheet for RN206765

Homer3 (NM_053310) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Homer3 (NM_053310) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Homer3
 Synonyms: Vesl-3
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN206765 representing NM_053310
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCACAGCCAGGGAACAGCCAATCTTCAGCACCAGGGCGCACGTGTTCCAGATCGACCCCGCTACGA
 AGAGGAAGTGGATTCCCCTGGCAAGCATGCATTACCGTGTCTATTTCTATGATGCAACCCGAAATGT
 GTACCGCATCATCAGCATCGGAGGCGCCAAGGCCATCATCAACAGCACAGTCACTCCAACATGACCTTC
 ACCAAAACCTCTCAGAAGTTCGGGCAATGGGCAGACAGTCGAGCCAACACTGTGTATGGCCTAGGCTTTG
 GCTCGGAACAGCAGCTGACCCAGTTTGCTGAGAAGTTTCAGGAGGTCAAAGAAGCTGCCAGACTGGCTCG
 GGAGAAATCTCAAGATGGTGGAGAACTCACTAGTACTGCCCTGGCCATGGCCTCCCACCAGGTTCTCCA
 AGCCCCCTTGGTCAGCACAATGGTCCAGAAGAGAAGCTGTTCCGCAGCCAGAGCGCGGACGCCCTGGCC
 CCACTGAGCGGGAGCGGTTGAAGAAGATGCTGTGAGAAGGCTCCGTAGGGGAGGTCCAGTGGGAGGCTGA
 GTTCTTTGCACCTCAGGACAGCAACCAGAGGCTGGCAGGGGCCCTTCGAGAGGCCAACCGCGGCCCACT
 CAGTGGAGGCAGCAGCTGGAGGTCCAGCGTGCAGAGGCTGAACACTTGCAGCAGCGGTGGCTGAGCTGG
 AGCCCCAGGTGGCTGCAGAGCCGTCGGGCAGGAGAGAAGAAGCAACCAGCCAGTCCGTGGAGCAGCT
 GGAGGCTCGGGTGCAGACCAAGGACCAGGAGATCCAGACTTTGAAGAATCAGAGCACTGGCCACGAGAG
 GCTCCTGACACCCGAGCGGGAGGAGACAGCAGCAGGTTTCAGGACCTGGAGACCCGGAATGCAGAAC
 TGGAGCAGCAGCTGCGGGCGATGGAAAGCAACCTGGAGGAGGCGCGGGCCGAGCGGGAGCGCGCAGCAGC
 AGAGGTGGGCCGGCTGCGCAGCTGTTGGAGCTGCGGCTGTTTCGAGCTGAGCGAGCTGCGCGAGGGCCTG
 GCTCGCCTGGCAGAGGCAGCACCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_053310



Insert Size:	1077 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:	<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_053310.1</u> , <u>NP_445762.1</u>
RefSeq Size:	1207 bp
RefSeq ORF:	1077 bp
Locus ID:	29548
UniProt ID:	<u>Q9Z2X5</u>
Cytogenetics:	16p14
Gene Summary:	may interact with group I metabotropic glutamate receptors and regulate their coupling to membrane ion channels [RGD, Feb 2006]