

Product datasheet for **SC105789**

C14orf159 (BC009182) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf159 (BC009182) Human Untagged Clone
Tag:	Tag Free
Symbol:	C14orf159
Synonyms:	C14orf159
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC009182, the custom clone sequence may differ by one or more nucleotides

ATGCCCTTCACACTCCACCTGAGGTCCCGCCTTCCTCTGCCATAAGGAGTTTGATTCTACAAAAGAAAC
 CAAACATCAGAAATACATCCAGCATGGCTGGAGAGCTCCGACCAGCCAGCCTGGTGGTCCTGCCAGGTC
 CCTTGCTCCAGCTTTTGAAGATTCTGCCAGGTCAACACTGGTCCTCTACCCCTGCTGGGCCAGAGTGAG
 CCAGAAAAGTGGATGCTGCCCCCTCAAGGTGCTATCTCAGAGACCAGCCTCAGGGACCTTCACAGTGCCT
 GGCACAGAACCTCACTCATGACTGTTGCTCAGGAACGAGCTGCCCTCCCCACTGTTCTGACTCCTTCCCC
 TATCACCTGGCGCTGTCTGGCTGAGATCTTTGAGATCATGGAGAAAGTCCAGCCCTGGAGAAATCCCA
 CTGGCTCTGCCATCTGTCCACTCCATCGCCCAAGCCAGAAACCCGCCTGTACAGGATTAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC009182 unedited GTAACGTTCAAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGG GAGCTGTACAGTCAGCGCTTGGGGCTGGCCTCAGCTTGTAGACCCGAGCCCTGCAGAAC AACCCCCCGTGGCGCAGGAGAGCAGAAGAAAGGGGCTTTATGCCCTTTTGAGGGAAGC ACACATTCTGCAAGGCCGTGGAACAAAGGGAGGAAGTGTGTAGCCCTCGTCCAGACG CCCCAACAAACAGAGCCAAGTTACACCCTGTTTAACCCTGCCTTCAAAGGGACGACTCT GTAAGATTCTCTGCTACTTATTCAAGTTGACACGATGCCCTTCACACTCCACCTGAGGTC CCGCCTTCCCTCTGCCATAAGGAGTTTGATTCTACAAAAGAAACCAACATCAGAAATAC ATCCAGCATGGCTGGAGAGCTCCGACCAGCCAGCCTGGTGGTCCTGCCAGGTCCCTTGC TCCAGCTTTTGAAAGATTCTGCCAGGTCAACACTGGTCTCTACCCCTGTGGGCCAGAG TGAGCCAGAAAAGTGGATGCTGCCCCCTCAAGGTGCTATCTCAGAGACCAGGATGGGCCA TCCCCAGTTCTGGAATACGAGTTCGGTGCCTGCACCGGTAGCCTGGCTTCGCTGGAGCA GTACTCGGAGCAGCTGAAGGACATGGTGGCCTTCTTCTGNGCTGCAGCTTCTCCCTGGA GGAGGCCCTTGAGAAAGCGGNGCTCCCCAGAAGAGACCCAGCAGGTACAGCCAGACAAC AGTGCCTTGTGTTACCCATGCTGGCTTCTGCTGCCCTCTGGTGGTCACGATGAGGCCCAT TCCCCAAGACAAGCTGGAAGGGCTGGTGCGGGCCTGCTGCNTCCTCGGAGGA
Restriction Sites:	NotI-NotI
ACCN:	BC009182
Insert Size:	3500 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:	BC009182.1 , AAH09182.1
RefSeq Size:	987 bp
RefSeq ORF:	480 bp
Locus ID:	80017
Cytogenetics:	14q32.11
Gene Summary:	D-glutamate cyclase that converts D-glutamate to 5-oxo-D-proline.[UniProtKB/Swiss-Prot Function]