

Product datasheet for **SC105235**

C1orf186 (BD078463) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf186 (BD078463) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf186
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BD078463, the custom clone sequence may differ by one or more nucleotides

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GAAGGGTCGGGGAGATATTTCCGTTAGACATCGCTGAAACACAGACTGGGATCAAACGTGCTCATAGTC
CTAAGGATCTCCAGCACCTGCCGGTGGCACTACTGAGAGACGAGGTGCCAGGGTGGTTCCTGAAARTGC
CTGAGCCCAACTTATCAGCAAGGAGCTCATCATGCTGACAGAAGTCATGGAGGTCTGGCATGGCTTAGT
GATCGCGGTGGTGTCCCTCTTCTGCAGGCCTGCTTCTCACCGCCATCAAACCTGCTCAGCAGGCAC
ATGGGTAAGTGGCTCAGCATCCTCTTCCCTCTAGTCACTCTCAGAGACCATTCTCGAGCCTCCAGCAGG
ACAGACCCTTTGGAGTTCCCAAACGTCACTAAAACTACCAGAGGCCACCCGGCCAAATTCCTTCCCA
CCGCTCCCCCTCCCCAATAACTGTATCTGGTAATCCCCTGACCTCACCTTTAAACCAACTATT
TCTGGCTGGAAGTGCCATCCACATCCGTCTACTACCCAGACCTTCTGCCTAGACACAGCTTTTGAATG
TCCTACGAGGAAGTGCTCGTGAACCTGGTCTAATTAATTTTCTCATCCCTGTTAAAGGACTGAATATG
AAGAAATGTCCTTGAATTACAACAGAAGGAAATATGGTTGGACTTAGAGATTAGTTAAATCTTGAAC
GATAAACAATAGAAGGTAGTGAAGCTCGGTCTGGAAAGGCATTTCAATTAGGGAAAAATAAACAATGCT
GCTTTGGTTGTGCTAAGAAAAAAAAAAAAAAAAAAAACTCGTAGGGGGGTCTTGGTACCAATNGTCC
T
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5' Read Nucleotide Sequence:	>OriGene 5' read for BD078463 unedited TAATACGACTCACTATAGGGCGGCCGAATTCGGCACCGAGNNAGTAGCTGAGCTTTGG CCCAAGAGGAAATTTGTATAAAGAGCCCTGGAGTCCTGACCAGCTCCTTACCTCTTGCA ATCTCCAGCACCCCTGCCGGTGGCACTACTGAGAGACGAGGTGCCAGGGTGGTTCCCTGAA GTGCCTGAGCCCCAATTATCAGCAAGGAGCTCATCATGCTGACAGAAGTCATGGAGGTC TGGCATGGCTTAGTGATCGCGGTGGTCCCTCTTCTGCAGGCCTGCTTCCTCACCGCC ATCAACTACCTGCTCAGCAGGCACATGGGTAACCTGGCTCAGCATCCTCTTCCCTCCTAGT CACTCTCAGAGACCATTCTCGAGCCTCCAGCAGGACAAGACCCCTTTGGAGTTCCCAAAC GTCACCTCAAAAACCTACCAGAGGACCCACCGGCCAAATTCCTTCCACCGCTCCCCCTCC CCCCAATAAAGTATCTGGGTAATCCCCACTCTGACCTCACCTTTTAACCAACTATTTCT GGCTGGAAGTGGCCATCCACATCCGTCTACTACCCAGACCTTCTGCCTAGACACAGCTTT TGCAATGCCTACGAGGAAGTCTCGTGTAACTGGTCTAATTAATTTCTTCATCCCTGT TAAAGGACTGAATATGAAGAAATGTCCTTGAATTACAACAGAAGGAAATATGGTTGGACT TTAGAGATAGTTAANATTCTTGAAGTATAAACAATAGAAGGTAGTGAAGCTAGGTCCTG GAAAGGCATTTACNTAGGGAAATAAACATGCTGCTTTGGTGTGCTAAAGAAAGACNNGG CAGAGATGTTGAGGTCTTCTAGTAANCACCTTATCATCATTGTCATCATCATCAGAGAA TTCTGACATCTAGACTCTCTGGCTAGCTCCACAGGACAA
Restriction Sites:	NotI-NotI
ACCN:	BD078463
Insert Size:	2750 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BD078463.1
RefSeq Size:	841 bp
RefSeq ORF:	841 bp
Locus ID:	440712
Cytogenetics:	1q32.1
Protein Families:	Transmembrane

Gene Summary:

Acts as a signaling transduction factor of the EPO-EPOR signaling pathway promoting erythroid cell differentiation (PubMed:25092874).[UniProtKB/Swiss-Prot Function]