

Product datasheet for **SC214617**

OGR1 (GPR68) (NM_003485) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	OGR1 (GPR68) (NM_003485) Human 3' UTR Clone
Symbol:	OGR1
Synonyms:	A12A6; GPR12A; OGR1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003485
Insert Size:	1471 bp



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Insert Sequence: >SC214617 3'UTR clone of NM_003485
 The sequence shown below is from the reference sequence of NM_003485. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCGGTTCCCCACGGGCAGGTTGGCCAGCCTGGGTCTCCGCGGGTGGCTCCACGTGAGGCCTGAGC
CTTCAGCCACGGGCTCAGGGCTGCCGCTCTGCTTCCCTCGCTGCGGAGGCAGGGAAGCCCTGT
AACTCCGGAAGCCTGCTCTCGTTGCTGAGCCGCTGGGACCGCCGAGGGTGGGAATAAGCCCGGTTG
GCTCGTGGGAATAAGCCGTGTCCTGCGCGGGCTGCGATGTGGCCAGGCTGGGGCTGCTGGTGGGGG
AAGACAGTGAAGTGCCTCCCTGGCCTGCTTCTGCAGAGTTTGTGCATGGGAGTGTGAGGACATGGA
GGGTGGGAGGCTGGGCGTTCAGCTGCCAGGGCCTTCCAATGCCACCGTTGTACAGACAATGCCTGTCC
AAACGTCCCGGTGGGATCAGCACTGCAGCCGCCACAACAGGGTGGGAAGGGAAGACTGGAGGGGGAA
GGAAGGCAGGAGGGGAAGGAAGAAAGAGGGGAAGGAAAGAAAGAGGGGGAAGGAAAGGAGGAAGGG
GAGAAGGAAGGGAGGAGAAAGAAGGAAGTAGGGGTGTTGGGTGGGAGAATTGAGGGAGTTATAGG
CAGAGGAGGATCCTAGCTCCAGCCATAAAGAACTGGGAGAGCCGCCTGCTGCTCCAGAAGACCTGCCAC
CTCCACAGAAATGCTAGCCCTTCAGACCTTCTGGTCAGTGAAGTGGGACCGCTCTGACTAAGGATGCC
TTCCATGGCCTGGGACTCGAGTTCTTCAGAACCAAGAGGCTAACTGGGCTTCTCCAAGAAGGGACCAG
GGGCTAGAAGCAGAAGTTGGCATCAGCAAAATTTCTGGAATCTACCAAAGGGAGGCCAGGCAGAAACC
CCTTCTCAGTCTCCCTCCCCTTCCCCAGCCTTGAAGAGGTTGATCCTTTGTGCTGTGTCTCTT
AGCCCTTTCATCGGGGATGCCAGAGCAACAGCCAGGCTGGAGGTGCCCCAGGGAAGGGTGTCCACA
GTGGTCCAGGGCTACACTTGGCTTTGACTGCACAGCCCTGCTCAGATCCTTGTGGAGGGTGTCCGAT
GACTTGGGGAGGTTCTCTTCCCCTTCTAGAGGAGGAAGTGACCAAGTTTGAAGGCGGCAGAAATGGCC
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TCATGCCTCCTCATTCCACAGCACTTCTCCTATGTTGACCTTAAACACTGGCTTCCCACTGATACAGA
CTGGGATGAGCTGAGGGCAGTCTCATTTACTGTCAAGAGTTGTATTTTGTATTGCTTTTTGCCAAG
TCTACATGTGTTGACTCTGTAATGGATTATGTAGCCCACTTCACTGCAAATAAAGCAAAGTAACTG
GAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_003485.3](#)

Summary: The protein encoded by this gene is a G protein-coupled receptor for sphingosylphosphorylcholine. The encoded protein is a proton-sensing receptor, inactive at pH 7.8 but active at pH 6.8. Mutations in this gene are a cause of amelogenesis imperfecta. [provided by RefSeq, Feb 2017]

Locus ID: 8111

MW: 53.2