

Product datasheet for **SC200737**

LGR5 (NM_003667) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LGR5 (NM_003667) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LGR5
Synonyms:	FEX; GPR49; GPR67; GRP49; HG38
ACCN:	NM_003667
Insert Size:	1606 bp



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Insert Sequence: >SC200737 3'UTR clone of NM_003667
 The sequence shown below is from the reference sequence of NM_003667. 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
TCCTCTGTGGCATTGTGCCATGTCTCTAATTAATATGTGAAGGAAAATGTTTTCAAAGGTTGAGAACC
TGAAAAATGTGAGATTGAGTATATCAGAGCAGTAATTAATAAGAAGAGCTGAGGTGAAACTCGGTTTAAA
AACCAAAAAGAATCTCTCAGTTAGTAAGAAAAGGCTGAAAACCTCTTGATACTTGAGAGTGAATATAA
GTCTAAATGCTGCTTTGTATAATTTGTTGAGCTAAGGGATAGATCGATCACAATTTAAGTGAGCCCA
GATCAAAAAGCAGATTGAAATTTCTTAGAAAAGATTCTCCATGATTGAATTGCATTCTTTTAAA
CTCACCAATGTAATCATTTTGGGAGGAGGAGAACCCACTTGCTTCCAATGGGTTTATTTAAACCCA
CAAACCTCAAGAGGTTGTTGGGGGAATTAGGAAAATAAGGGTTTTCAATGACCTACATTGCTAGGTAGAG
GCTGTGATCCATGGGATTTCAATTCTAATGACCATGTGAAGATGTTTGAGTCTCCTTTGCCTTTCTCA
GAAAGAATCCTTCTAAGGCACAAATCCCTTAGATGGATAATGTAAGGTATTGTTAACTCACTCATATTG
AGATCATTTTTAGAGATACCAGGTTTTATGTATCAGCACTAGATGGTTCCACCCTCATGGGATAAACT
GCTTACAAGTATTTTAAAGAAAACCTGACCAAAATCTTAAATGTTACTAAGGCAATCATGCACAGG
TGACGTATGTCTTATCTGATTTGTTTTAACTCCTTGGTGCCCAAAGCTCAGAAGGGAATCCACTGCC
AGCAATGAACATACCTGGAAAAGAAAGTAAAGCAATCTGGGATTTTTTTCTGGGTTAGTAAAGAATTTT
TGCAATAAGTTTTATCAGTTGATTCAAACCTGATGTGCATCTTAATGATCAAATGTGCACATTACATAAA
TTAAGTCCACTGATACAACCTTCTACACATGTATCTCTAGTAGCTCTGGCAAACCAATATCTGACACC
ACTTTGGACTCAAGAGACTCAGTAACGTATTATCCTGTTTTATTTAGCTTGGTTTTAGCTGTGTTCTCTC
TGGATAACCCACTTGATGTTAGGAACATTACTTCTCTGCTTATTCCATATTAATACTGTGTTAGGTATT
TTAAGAAGCAAGTTATTAATAAGAAAAGTCAAAGTATTAATTCTTACCTTCTATTATCCTATATTAGC
TTCAATACATCCAAACCAATGGCTGTTAGGTAGATTTATTTTTATATAAGCATGTTTATTTTGATCAG
ATGTTTTAACTTGGATTTGAAAAATACATTTATGAGATGTTTTATAAGATGTGTAATATAGAAGTGT
ATTTATTACTATAGTAAAGGTTTCAGTAACATTAAGGACCATGATAATGATAATAAACCTTGTACAGTGG
CATATTCTTTGATTTATATTGTGTTTCTGCCCCATTTCTTTAAATTCATTAACCTGTATATATGTA
TATATAGTACTTGTAATAGATTCCAAATTTGCTTTTCTATTGGGTAAAAATAAATTTGTAATAAAAT
GTGTGACTATGAAACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_003667.4](#)

Summary: The protein encoded by this gene is a leucine-rich repeat-containing receptor (LGR) and member of the G protein-coupled, 7-transmembrane receptor (GPCR) superfamily. The encoded protein is a receptor for R-spondins and is involved in the canonical Wnt signaling pathway. This protein plays a role in the formation and maintenance of adult intestinal stem cells during postembryonic development. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]

Locus ID: 8549

MW: 62