

Product datasheet for **MC225525**

2610528A11Rik (NM_001206684) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2610528A11Rik (NM_001206684) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2610528A11Rik
Synonyms:	AW494830; Gpr15l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225525 representing NM_001206684 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGACTTCTAGCCCTTCCGGTCTGCTCTGCATGCTGCTCCTCTGTTTCTGCATTTTCTCCTCAGAAG
GGAGAAGACATCTGCCAAGTCCTTGAACCTCAGGCGTCTGTACCTATCTCCTAGATCCAAGCTGAC
AACCTGGAAAGGAAACCACACAAGGCCCTGCAGACTCTGCAGAAACAAGTACCAGTCAAGTCATGGGTG
GTGCCTGGGGCTCTCCACAGAT**ATAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001206684
Insert Size:	237 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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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_001206684.1, NP_001193613.1</u>
RefSeq Size:	756 bp
RefSeq ORF:	237 bp
Locus ID:	70045
UniProt ID:	<u>A0A0B4J1N3</u>
Cytogenetics:	14 B
Gene Summary:	Chemotactic factor that mediates lymphocytes recruitment to epithelia through binding and activation of the G-protein coupled receptor GPR15 (PubMed:28900043, PubMed:28936214). May be a tumor suppressor; together with SUSD2 has a growth inhibitory effect on colon cancer cells which includes G1 cell cycle arrest (By similarity).[UniProtKB/Swiss-Prot Function]