

Product datasheet for **SC322287**

MRGPRF (NM_145015) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MRGPRF (NM_145015) Human Untagged Clone
Tag:	Tag Free
Symbol:	MRGPRF
Synonyms:	GPR140; GPR168; MRGF; RTA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322287
 AGGCTCCGGGCCGCGCTCGGCGCTGGCCTGCTGCCCCGGCGGGTCCGCCGGCCGGAGGCG
 GGAGTCACAGGAAGAGCCCTCCACAAAAGGAGGCCTCGGCGGATCAGGACAGCTGCAGGT
 GGGTGTGCACTGGTGTGAGCTGCCAGCAGGGGCCAGACGCGCCAGGCCTGGAGATGGCT
 GGAAGTCTCTGGGAGGCCATCCCGCAACAGGAACAAGATGTGCCCTGGCCTGAGC
 GAGGCCCGGAACTCTACAGCCGGGCTTCTGACCATCGAGCAGATCGCGATGCTGCC
 CCTCCGGCCGTCATGAACACTACATCTTCTGCTCCTCTGCCTGTGTGGCCTGGTGGGCAAC
 GGGCTGGTCTCTGGTTTTTCGGCTTCTCCATCAAGAGGAACCCCTTCTCCATCTACTTC
 CTGCACCTGGCCAGCGCCGATGTGGGCTACCTCTTCAGCAAGGCGGTGTTCTCCATCCTG
 AACACGGGGGGCTTCTGGGCACGTTTGGCGACTACATCCGCAGCGTGTGCCGGTCTG
 GGGCTCTGCATGTTCTTACCGCGTGAGCCTCCTGCCGGCGTCAGCGCCGAGCGCTGC
 GCCTCGGTATCTTCCCGCCTGGTACTGGCGCCGGCGGCCAAGCGCCTGTCCGGCGTG
 GTGTGCCCTGTGTGGTCTGTCCCTCCTGGTACCTGCCTGCACAACACTTCTGCG
 GTGTTCTGGCCGCGGGGCCCGCGCGGCCTGCAGGCACATGGACATCTTCTGGGC
 ATCCTCCTGTTCTGCTCTGCTGCCGCTCATGGTGTGCTGCCTGCCTGGCCCTCATCCTG
 CAGGTGGAGTGGCGGCCGACGCGCCAGCGCTCTGCCAAGCTCAACCAGTATCCTG
 GCCATGGTCTCCGTCTTCTGGTGTCTCCATCTACTTAGGGATCGACTGGTTCCTCTTC
 TGGGTCTTCCAGATCCCGGCCCTTCCCGAGTACGTCACTGACCTGTGCATCTGCATC
 AACAGCAGCGCCAAGCCCATCGTCTACTTCTGGCCGGGAGGGACAAGTCGACGCGGCTG
 TGGGAGCCGCTCAGGGTGGTCTTCCAGCGGGCCCTGCGGGACGGCGCTGAGCTGGGGGAG
 GCCGGGGCAGCACGCCAACACAGTACCATGGAGATGCAGTGTCCCCGGGGAACGCC
 TCTTGAGACTCCAGCGCCTGGAGGAGGCAGGGCAGGAAGCGCCTCAAGACCTTCGC
 CTTGGGACAGGAATGGGCACCTGTTCTGAGTCCATACAGGAGAAGAAAGATCTGTTTCC
 TCTCTCGGGCCTCCTTCTCCCTGGGCTGGGACTCCAGGGGTGGCTGGGAGACTGGGCA
 GCCACCAGCAAACAGACCCTGTGCCCTGCCCGCTCCCCACCATTCTGCTCCCTA
 GAGACCTTGTACAGAAGTTGCCCCAGGTGGTGGGGCCCTCCTTGCCTAGGCTGGT
 TGGTAAAAGAGAGGAGGTCAACACCCAGCTAGCCACCTCTGCCTCTTGGGTGAGCCCTC
 CTTGACTGTGTCCAGCCAGCACCAGGCCAGCAGCCTCATCCCTGCCATTGAGGCTGTT
 CCAGAGATTGATCCTCTTAAGGCATTATCAGTGAAGAAATGTGAAGAAATGGTGTCTG
 GAAGAAAGTTCTGGTTCACATGCCTTGTAGCTAAGTCTTCTGCAAACAACCTCCCTTCC
 CCCGTCGAGTCAATTTGGTGACTTTGATGGGGGATTTCTGGTTATGTCAAGGCTCTGGA
 GACAGGAAGGGCCTTTGGCCGCTTGGGTAGTTGACCTGCCTTTTCTGACTCCGGGACGA
 GCCAGTCTAGGCTGCCTCCGGGAGCACTTGAAGTATCCCGCAGGCCATGAGGACCCACT
 GGGCAGCTCCTGGACAGCCTTGGCTCCAGCCCCACCCGAAAGTGGACTGGCTCCG
 CCCTGGCCACCTGGGACTGGCACTGTGGTGCACAGTGGCCCAATGTGGCCAACGGAAAGT
 TTTATAAAAGACAAAATGTATATCAATAAACATTTATAACTTGCAAAAAAAAAAAAAAA
 A

Restriction Sites: Please inquire

ACCN: NM_145015

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_145015.2</u> , <u>NP_659452.2</u>
RefSeq Size:	2153 bp
RefSeq ORF:	1032 bp
Locus ID:	116535
UniProt ID:	<u>Q96AM1</u>
Cytogenetics:	11q13.3
Domains:	7tm_1
Gene Summary:	<p>Orphan receptor. May bind to a neuropeptide and may regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses a different splice site in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.</p>