

Product datasheet for MC210161

Prokr1 (NM_021381) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prokr1 (NM_021381) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prokr1
Synonyms:	EG-VEGFR1; Gpr73; Pkr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210161 representing NM_021381 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGACCCTGTCTGGGCTCTGGGTGAGAATACCACAGACACCTTCACCGACTTCTTTCTGCACTCG
ATGGCCATGAAGCCAAACCGGCTCGTTACCATTCACTTTCAGCTACGGTACTATGACATGCCCTGGA
TGAAGAGGAAGATGTGACCAATTCTCGGACTTTCTTTGCTGCCAAGATTGTCATTGGCATGGCTTGGTG
GGTATCATGCTAGTGTGGCATCGGCACTTCATCTTTATCACTGCCCTGGCCCGCTACAAAAAGCTCC
GCAACCTCACCACTGCTTATCGCCAACCTGGCCATTCAGACTTCCTCGTGGCCATCGTGTGCTGCC
CTTTGAGATGGACTACTATGTGGTGCAGCAGCTCTCCTGGGAGCATGGTCATGTCCTGTGCGCCTCTGTC
AACTACTTGCGTACCGTCTCCCTCTACGCTCCACTAACGCCCTACTGGCCATTGCCATTGACAGGTATC
TGGCCATTGTGCACCCGCTGAGACCGCGGATGAAGTGTCAAACAGCCGCCGCGCTGATCTTCTGGTGTG
GTCAGTATCCATCCTCATCGCCATTCCAGCTGCCTACTTCACCACTGAGACCGTGTGGTATCGTGGAG
AGACAGGAGAAGATCTTCTGTGGTCAAGTCTGGCCGGTGGATCAGCAGTTCTACTACAGGTCCTATTTCC
TTTTGGTTTTCGGCCTCGAGTTCGTGGGCCCTGTAGTCGCCATGACCTTGTGCTATGCCAGGGTGTCCCG
GGAGCTCTGGTTCAAGGCGGTGCCAGGCTTCCAGACAGAGCAGATCCGCCGGAGGCTGCGCTGCCGCCG
AGGACTGTGCTGGGCTCGTGTGCTCCTCTGCCTATGTGCTGTGCTGGGCTCCCTTCTATGGCTTCA
CTATCGTGCCTGACTTCTCCCTCCGTTTGTGAAGGAGAAGCACTACCTCACCGCTTCTATGTGGT
GGAGTGCATCGCCATGAGCAACAGCATGATCAATACGCTCTGCTTTGTGACTGTCAGGAATAACACCACT
AAGTACCTCAAGAGGATCCTGCGCTTCAAGTGGAGGCGCTCTCCAGCGGGAGCAAGGCCAGCGCTGACC
TCGACCTCAGGACCAGGGAATACCTGCCACCGAGGAGGTGGACTGCATCCGACTGAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_021381
Insert Size:	1182 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.
RefSeq:	NM_021381.3 , NP_067356.2
RefSeq Size:	4073 bp
RefSeq ORF:	1182 bp
Locus ID:	58182
UniProt ID:	Q9JKL1
Cytogenetics:	6 D1
Gene Summary:	Receptor for prokineticin 1. Exclusively coupled to the G(q) subclass of heteromeric G proteins. Activation leads to mobilization of calcium, stimulation of phosphoinositide turnover and activation of p44/p42 mitogen-activated protein kinase. May play a role during early pregnancy (By similarity).[UniProtKB/Swiss-Prot Function]