

Product datasheet for **MC211253**

Epgn (NM_053087) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Epgn (NM_053087) Mouse Untagged Clone
Tag: Tag Free
Symbol: Epgn
Synonyms: 2310069M11Rik; epigen
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211253 representing NM_053087
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTCTGGGGTTCTGATAGCAGTCTGCCTCTTGTTCAAAGCAATGAAGGCAGCACTGAGCGAAGAAG
CAGAGGTGATCCCTCCTAGCACAGCACAGCAGAGCAACTGGACATTTAACACACCGAAGCTGACTACAT
AGAAGAACCTGTAGCTCTGAAGTTCTCTCATCCTTGCTGGAAGACCATAATAGTTACTGCATTAATGGA
GCATGTGCATTCCACCATGAGCTGAAGCAAGCCATTTGCAGATGCTTTACTGGTTATACGGGACAACGAT
GTGAGCATTTGACCCTAACTTCGTATGCTGTGGATTCTTATGAAAAATACATTGCGATTGGGATTGGCGT
CGGATTGCTAATTAGTGCTTTTCTTGCTGTCTTATTGCTACATAAGAAAAAGGTGTATAAATCTGAAA
TCACCCTACATCATCTGCTCTGGAGGGAGCCATT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_053087
Insert Size: 459 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).



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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_053087.2</u> , <u>NP_444317.1</u>
RefSeq Size:	1704 bp
RefSeq ORF:	459 bp
Locus ID:	71920
UniProt ID:	<u>Q924X1</u>
Cytogenetics:	5 E1
Gene Summary:	Promotes the growth of epithelial cells. May stimulate the phosphorylation of EGFR and mitogen-activated protein kinases.[UniProtKB/Swiss-Prot Function]