

Product datasheet for MC225291

Flg2 (NM_001013804) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flg2 (NM_001013804) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Flg2
Synonyms:	EG229574
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225291 representing NM_001013804 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCATATCTCTTAAGAAGTGTGTCACCATCATTGATGTATTCTACAAATATACCAAGCAAGATGAAG
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ACGGTACGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001013804
- Insert Size:** 7089 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:

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_001013804.1](#), [NP_001013826.1](#)

RefSeq Size: 7755 bp

RefSeq ORF: 7089 bp

Locus ID: 229574

UniProt ID: [Q2VIS4](#)

Cytogenetics: 3 F2.1

Gene Summary: Essential for normal cell-cell adhesion in the cornified cell layers. Important for proper integrity and mechanical strength of the stratum corneum of the epidermis.[UniProtKB/Swiss-Prot Function]