

Product datasheet for **MC219238**

Wfikkn2 (NM_181819) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wfikkn2 (NM_181819) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wfikkn2
Synonyms:	2610304F08Rik; AY100450; Gasp1; WFIKKNRP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219238 representing NM_181819
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGTGCCCCAGGGTATCATCGTTTCTGGTTTACTGGGGCTGCTGTTGCTGCTGCTCCTCGAGGCTC
 CCCTTCGAGGCCTAGCACTGCCACCCATCCGATACTCCCATGCGGGCATCTGCCCAACGACATGAACCC
 CAACCTCTGGGTGGATGCCAGAGCACCTGCAAGCGAGAGTGTGAAACAGACCAGGAATGTGAGACCTAT
 GAGAAATGCTGCCCAATGTGTGTGGGACCAAGAGCTGTGTGGCAGCCCGCTACATGGATGTGAAAGGGA
 AGAAGGGCCCTGTGGGCATGCCAAGGAGGCCACATGTGACCATTTTCATGTGCCTGCAGCAGGGCTCTGA
 GTGTGACATCTGGGACGGCCAGCCCGTGTGTAAGTGCAAAGATCGCTGTGAGAAGGAGCCAGCTTACC
 TGTGCCTCTGATGGCCTTACCTACTACAACCGTTGCTTCATGGACGCCAAGCCTGCTCAAAGGCCATCA
 CACTGTCTGTGGTCACCTGTGTTATCACTTACCTGGCCTAACACCAGCCCTCCACCGCCTGAGACCAC
 GGTGCATCCCACCACCGCCTCTCCGGAGACTCTCGGGCTGGACATGGCAGCCCCGGCCCTGCTCAACCAT
 CCTGTCCATCAGTCAGTACCGTGGGTGAGACTGTGAGTTTCTCTGTGACGTGGTAGGCCGGCCTCGGC
 CAGAGTCACTTGGGAGAAACAGCTGGAGGACCGAGAGAATGTTGTATGAGGCCAACCACGTGCGCGG
 TAATGTGGTGGTCACTAACATTGCCAGCTGGTCACTACAACGTCCAGCCCAGGATGCTGGCATAATAC
 ACCTGTACAGCTCGAAATGTGCGTGGTGTCTGAGGGCTGACTTCCCCTGTGCGTGGTCAAGGGTGGTC
 AGGCCAGGGCCACTTCAGAGAGCAGTCTCAATGGCACAGCTTTCCAGCAACAGAGTGCCTGAAGCCCC
 AGACAGTGAGGACTGTGGAGAGGAGCAGACACGCTGGCACTTCGACGCCAGGCTAACAACTGCCTCACT
 TTCACCTTTGGTCACTGCCACCACAATCTCAACCACTTTGAGACCTACGAGGCCTGTATGCTGGCTTGA
 TGAGTGGGCCATTGGCCATCTGCAGCCTGCCTGCCCTGCAAGGGCCTTGCAAAGCTTATGTCCCACGCTG
 GGCTTACAACAGCCAGACAGCCCTATGCCAGTCCCTTCGTCTATGGCGGCTGTGAGGGCAACGGTAACAAC
 TTTGAAAGCCGTGAGGCTTGTGAGGAGTGTGTCCTTCCCGAGGGGTAACCAGCACTGCCGGCCCTGCA
 AGCCCCGGCAAAAATTGTTACCAGCTTCTGTCGGAGTGACTTTGTATCCTGGGAGGGTCTCTGAGCT
 GACCGAAGAGCAAGACTCAGGCCGTGCCCTGGTACCCTGGTGGATGAGGTCTTAAAAGATGAGAAGATGGGC
 CTCAAGTTTCTGGGCCGGGAGCCTCTGGAAGTACCCTGCTTCATGTAGACTGGACCTGCTCTGCCCA
 ACGTGACAGTGGGTGAGACCACTCATCATATGGGGGAGGTGGACGGCGGCATGGCCATGCTGAGACC
 CGATAGCTTTGTGGGGCATCGAGCACACGGCGGTGAGGAAGCTCCGTGAGGTCATGTACAAGAAAACC
 TGTGACGTCCTCAAGACTTCTGGGCTTGCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_181819
- Insert Size:** 1716 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_181819.2](#), [NP_861540.2](#)

RefSeq Size: 3392 bp

RefSeq ORF: 1716 bp

Locus ID: 278507

UniProt ID: [Q7TQN3](#)

Cytogenetics: 11 D

Gene Summary: Protease-inhibitor that contains multiple distinct protease inhibitor domains. Probably has serine protease- and metalloprotease-inhibitor activity (By similarity). Inhibits the biological activity of mature myostatin, but not activin.[UniProtKB/Swiss-Prot Function]