

Product datasheet for MC211156

Katnal2 (NM_027721) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Katnal2 (NM_027721) Mouse Untagged Clone
Tag: Tag Free
Symbol: Katnal2
Synonyms: 3110023G01Rik; 4933439B08Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211156 representing NM_027721
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTTTCTTACCAGACTCTCAAACCTCACTCACCAGGCGGGGAGGCGTACGAGATGAGAACAGAAG
 CACGGCGAAAAATCTTCTCATTCTGATTTTGCATTACTTAACACAAGAAGGCTACATGGATGCAGCTAA
 GGCTTTGGAGGAGGAGACCAAACCTGGGATTACGGCGCTTTGAAGTTTGTGACAACGTTGACTGGAACT
 ATTTTGTGGAATATGAGAGCTATTATTTGTAAAGTTCCAGAAGTACCCCAAAGTGTTAAGAAGGCC
 CGGACCCAGTGGAAAATAATTTACCGTCACGAAGTGGAGGGAAGAACAAAAGGCTGACGAATGACAGTTG
 TCAAAATCTCCCAAGATATGTCACCAGAAGTCACGACCTAAAACCTTCAGCAGTGAAGACAGGGGACACC
 AAATCTGTCAAGGAACACCTTAAACAGGTCAAGGAGAGTGTCACTGACACTCAAGCAGAGAGCACTGACT
 TCGGCTGAACATATCAAAAATCCACAAAGACCAGCCAGAGGAAAAGGCCCAACCACGAAGAGGCCAAAT
 CATTGACTTCCGAGGACTGCTCTCAGACGCTATCAAAGGACCACAAGTGAATTTGCATTGAACACCTTT
 GAATGTAACCCAGACCCTTCAGAGCGATTGCTGAAACCTCTGAGTGCATTTATTGGCATTGAACAGTGAGA
 TGCGAGAACTGGCAGCGGTGGTGGCCGGGACATTTATCTCCATAATCCCAACATAAAGTGAATGACAT
 TATTGGACTGGACGCAGCCAAGCAGCTAGTCAAAGAAGCCGTTGTGTACCAATAAGATACCCGAGCTC
 TTCACAGGAATCTTTCCCGTGGAAAAGGACTGCTGCTTTACGGCCCCCAGGCACAGGGAAGACTTTGC
 TGGCAAAGCGGTGGCCACCGAATGCAAAACACCTTCTTTAACATTTCTGCATCCACTATTGTGAGCAA
 ATGGAGAGGAGATTCCGAAAACTGGTCCGGGTGCTGTTTGAACCTGCGCGATATCATGCCCTCCACG
 ATCTTCTGGATGAGCTGGAGTCGGTGTGAGTCAGAGAGGCATGGTTCTGGGGGGAACATGAAGGGA
 GCCTTCGGATGAAGACGGAGTTACTGGTGCAGATGGATGGCTTAGCACGCTCGGAGGATCTCGTGTTTGT
 CTTAGCAGCTCAAACCTGCCATGGGAAGGAGATGCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_027721
Insert Size:	1230 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_027721.2 , NP_081997.1
RefSeq Size:	1673 bp
RefSeq ORF:	1230 bp
Locus ID:	71206
UniProt ID:	Q9D3R6
Cytogenetics:	18 E3
Gene Summary:	Severs microtubules in vitro in an ATP-dependent manner. This activity may promote rapid reorganization of cellular microtubule arrays.[UniProtKB/Swiss-Prot Function]