

Product datasheet for **MC220616**

Nrg1 (NM_178591) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nrg1 (NM_178591) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nrg1
Synonyms:	6030402G23Rik; ARIA; D230005F13Rik; GGF; GGFII; Hgl; HRG; HRGalpha; NDF; SMDF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NM_178591.2
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATTTATCCCCAGACATGTCTGAGGGAGCTGGCGGGAGGTCCTCCAGCCCTCCACTCAGCTGA
 GTGCAGACCCATCTCTCGATGGGCTTCCGGCAGCGGAACATATGCCAGACACCCACAGAAAGATGGGAG
 AAGCCCTGGACTCCTGGCCTGGCCGTGCCCTGTGTCTGCCTGGAAGCGGAGCGTCTCAGAGGGTGC
 CTAACCTCCGAGAAGATCTGCATTGTTCCATTCTGGCTGTCTAGTAAGCCTCTGCCTCTGCATTGCTG
 GCCTAAAGTGGGTATTTGTGGACAAGATATTCGAATACGACTCTCTACCACCTTGACCCTGGGGGGTT
 AGGCCAGACCCTGTTATTTCTCTGGATCCAACGGCTGCCTCCGCTGTTCTGGTCTCATCCGAGGCATAC
 ACTTCACCTGTCTAAGGCTCAGTCTGAAGCCGAGGCTCATGTTACAGGGCAAGGTGACCATGTCGCTG
 TGGCCTCTGAACCTTCCGAGTACCCACCCGGAAGAACCAGGCTGTCTGCTTTTCTCCCTTACACTCCAC
 TCCACCGCCCTTCCCTTCTCCAGCTCGGACCCCTGAGGTGAGAACACCCAAGTCAGGAACCTCAGCCACA
 ACAACAGAAACTAATCTGCAAACTGCTCCTAAACTTTCCACATCTACATCCAGACTGGGACCAGCCATC
 TCATAAAGTGTGCGGAGAAGGAGAAAATTTCTGTGTGAATGGAGGCGAGTGCTTCATGGTGAAGGACCT
 GTCAAACCCCTCAAGATACTTGTGCAAGTGCCCAAATGAGTTTACTGGTGATCGTTGCCAAAACCTACGTA
 ATGGCCAGCTTCTACAAGCATCTGGGATTGAATTTATGGAAGCGGAGGAGCTCTACCAGAAGAGGGTAC
 TGACAATTACTGGCATCTGTATCGCCCTGTTGGTGGTCCGCATCATGTGTGTGGTGGCCTACTGCAAAAC
 CAAGAAACAGCGGCAGAAAGCTTCATGATCGGCTCCGGCAGAGCCTTCGGTCAGAACGAAACAACATGGTG
 AACATAGCGAATGGCCCTCACCATCAAACCCACCAGAGAATGTGCAACTGGTGAATCAATATGTAT
 CTAAAAACGTCATCTCCAGTGGACATATTGTGGAGAGAGAAGTGGAGACCTCCTTTTCCACCAGCTACTA
 CACTTCCACAGCTCATCACTCCACGACTGTCACCCAGACTCCTAGTCACAGCTGGAGTAATGGGCACACA
 GAAAGCATCATTTAGAAAGCCACTCTGTAAATCATGATGTCATCGGTAGAGAACAGCAGGCACAGAGCC
 CAGCTGGGGGCCACGAGGACGTCTTCATGGCCTGGGAGGCCCTCGGAATGTAACAGCTTCTCAGGCA
 TGCCAGAGAAACCCCTGACTCCTACAGAGACTCTCCTCATAGTAAAGGTATGTATCAGCCATGACCACC
 CCGGCTCGTATGTCACCTGTAGATTTCCACAGCCAAGCTCCCTAAATCGCCCCCTTCGGAAATGTCTC
 CACCCGTGTCAGCATGACGGTGTCCATGCCCTCTGTGGCAGTCAGCCCTTTGTGGAAGAAGAGAGGCC
 TCTGCTTCTGTGACGCCACCGAGGCTACGGGAGAAGAAGTATGATCATACCCCGCAACTCACTCC
 TTTTCATACAACCTGCACATCAGAGTACCAGCCTCCCCCTAGCCATTGAGGATAGTGGAGGATGAGG
 AATACGAAACGACCCAGGAGTATGAGCCAATTCAGAGCCTATTAAAGAAAGTCACCAATAGCCGGCGGGC
 CAAAAGAACAAGCCCAATGGCCACATTGCCAATAGGTTGAAATGGACAGCAACCCAAGTTCTGTGAGC
 AGTAACTCAGAAAGTGAAGACAGAAGATGAAAGAGTAGGTGAAGATACACCATTCTGGGCATACAGAACC
 CCCTGGCAGCCAGCCTTGAGGTGGCCCTGCCTTCCGTCTGGCTGAGAGCAGGACTAACCAGCAGGCCG
 CTTCTCCACAGGAAGAATTACAGGCCAGGCTGTCTAGTGAATCGCTAACCAAGACCCTATTGCTGTA
 TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1446_f05.zip

Restriction Sites: SgfI-MluI

ACCN: NM_178591

Insert Size: 2103 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:	<u>NM_178591.2</u> , <u>NP_848706.2</u>
RefSeq Size:	2103 bp
RefSeq ORF:	2103 bp
Locus ID:	211323
Cytogenetics:	8 A3