

Product datasheet for RN213175

Nhlrc1 (NM_199236) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nhlrc1 (NM_199236) Rat Untagged Clone
Tag: Tag Free
Symbol: Nhlrc1
Synonyms: Epm2b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213175 representing NM_199236
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGGGGAGGAGGCAGCGGGGTGCGGCCGAGCTGGTGCGCGAGGCGGAGGTCAGCCTGCTGGAGTGCA
AGGTGTGCTTCGAGAGGTTTCGGCCACCGGCAGCAGCGGCCCGCCGCAACCTGCCCTGCGCCACGTGGT
CTGCTTGGCTCGCTCGCGCCCTCGCGCACCCGCGGACGCTGGCCCTCGAGTGTCCCTTCTGCCGGCGG
GCCTGCCGAGCTTGTGACACCAGCGATTGCCTGCCGGTGTGCACCTTCTGGAGCTCCTGGGCTCCACCC
TCCACGCGTCCCCGGCTGCCCTCAGCGCCGCTCCTGTGCGCCCGGGGCTCTCACCTGCTACCATGCCTT
TGGCGGGTGGGGACCTAGTGAACCCACGGGGCTTGCCTGTGCCCAAGACCGGACGGGTAGTAGTC
GTGCACGACGGTAAGAGACGGGTCAAGATCTTCGATTCCGGAGGAGGAGGTGCACACCAGTTTGGAGAGA
AGGGGACGCAGCGCATGACGTGAAGTACCCACTGGATGTGCGGGTACCAACGACTGCCATGTGGTTGT
CACCGACGCGGGGACTGCTCCCTCAAAGTGTGGATTCTTTGGCCAGATCAAGCTGGTTGTGGAAAG
CAGTTTTCCCTGCCTTGGGTGTAGAGATAACCCCTCACACGGGGTCTGGTACTGACGCAGAGGCAG
GGACTTTCACCTGCTGGAAGCGGATTTCCCTGAAGGGTCTTCGGAGAATTGAGAGTTGCAAGCTCA
CCTGTGTAATCCCGTGGGTGGCAGTGTGATGGCTCACCGGGGCCATCGCGGTCTAGAGCATCCTTGT
GCCTTGGGACGTCAAGCGGTAACAACAAGGGTGAAGGTGTTCAACTCCAGTATGCAGCTGATTGGCC
AGGTGGACAGCTTCGACTGAACCTCCTCTCCCTCCAAAATAACCGCCTCAGCTGTGACCTTCGATCA
CCAAGGAAACGTGATTGTGCTGATACCTCTGGCCAGCCATCGTATGCTTGGGAAACCTGAGGAATTT
CCAGCCCTGAAGCCTATGTTACTCATGGCCTTCCCGTCTGTGGCACTGGTCTTCACCAAGGAGAATT
CTCTTCTGTGCTGGATTCTGCATCCCATTCTATAAAAGTCTTTAAAGTATGGAGGGTAATGGAGGGT
A

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_199236
Insert Size:	1191 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_199236.1</u> , <u>NP_954706.1</u>
RefSeq Size:	1191 bp
RefSeq ORF:	1191 bp
Locus ID:	364682
UniProt ID:	<u>Q6IMG5</u>
Cytogenetics:	17p14
Gene Summary:	human homolog is a putative E3 ubiquitin ligase associated with Lafora progressive myoclonus epilepsy and possibly involved in clearance of polyglucosans from dendrites [RGD, Feb 2006]