

Product datasheet for MC207338

Nrl (NM_008736) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nrl (NM_008736) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nrl
Synonyms:	D14H14S46E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207338 representing NM_008736 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTTCCCTCCAGTCCCTTGGCTATGGAATATGTTAATGACTTTGATTTGATGAAGTTCGAAATAA
AGCGGGAGCCTTCTGAGGGCCGATCTGGAGTCCCCACAGCCTCGTTGGGCTCCACACCACAGCTCGGT
GCCTCCTCACCACCTTCAGTGAGCCAGGCATGGTGGTGGTGGCGAGGCCCTAGGCCAGGCCTGGAG
GAGCTATATTGGCTGGCCACCCTGCAGCAGCAGCTGGGGTGGATGAGGTTCTCGGGCTGAGTCCCAGC
AAGCTGTGGAGCTGCTGCAGAACCAGGGTCTGTCTCTATGGAAGGCCCTTTGGCTACTATTCAGGGAG
CCCGGGAGAGACAGGAGCCAGCATGTCCAGCTGCCCGAGAGATTTTCGGACGCCGCGCTGGTCTCGATG
TCTGTGCGCGAGTTGAACCGGCAGCTGCGGGGCTGCGGGCGCGACGAGGCTCTGCGGCTGAAGCAGAGGC
GCCGCAGCTCAAGAACCAGCGGCTACGCTCAGGCTTGTGCTCCAAGCGGCTGCAACAGCGGCGCGGGCT
GGAGGCAGAGCGCGCTCGCTGGCCGCCAGCTGGATGCCCTGCGGGCCGAGGTGGCAGCCTGGCTCGC
GAGCGGACCTCTATAAGGCCGCTGTGACCGGCTGACCTCCGGCGGCCCTGGTCCGACGACCACACAC
ACCTCTTCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_008736
Insert Size:	714 bp



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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_008736.3 , NP_032762.1
RefSeq Size:	2483 bp
RefSeq ORF:	714 bp
Locus ID:	18185
UniProt ID:	P54846
Cytogenetics:	14 28.19 cM
Gene Summary:	<p>This gene encodes a member of the basic leucine zipper domain family of transcription factors. The encoded protein is preferentially expressed in the retina and is necessary for rod photoreceptor development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR compared to variant 3. Variants 1, 2, 3, and 4 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript from the same strain was available for the full length of the gene. The extent of this transcript is supported by transcript alignments and orthologous data.</p>