

Product datasheet for RN214342

Nfe2l1 (NM_001108293) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nfe2l1 (NM_001108293) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nfe2l1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214342 representing NM_001108293 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGTGAATACGTCAGCAAGTAAAATTCTGTACAGTGCCCTCCTGGAGACCCTTTACCACCAACT
ACAGCCTTGCTCCCAACTCCTATCAATCAGAATGTCAGCCTGCATCAGGCCTCCCTGGGGGCTGCAG
TCAGGACTTTTCCCTCTCAGCCCCGAGGTGGAGAGCCTGCCTGTGGCCAGCAGCTCTACTGCTTCCA
CTCGTCCCAGCAACTCCACCAGTCTCACTCCACCTTTGGCTCTACCAACCTAGCAGGGCTTTTCTTTC
CATCCCAGCTCAATGGCACCGCCAATGATACATCAGGCCCTGAGCTGCCTGATCCCCTTGGGGGCTGTT
AGACGAGGCCATGCTGGATGAGATCAGCCTGATGGACCTGGCCATTGAGGAGGGCTTCAACCCGGGGCAG
GCCTCCAGCTCGAGGAGGATTCGACTCTGACTCTGGCCTCTCCCTGGACTCCAGCCATAGCCCTTCT
CTTGAGCAGCTCTGAAGGGAGCTTTCTTCTCTTCTTCTTCTTCTGCTTCTCTCTGCCTCTTCT
TTCCTTCTGAGGAGGGTGTGTTGGTTACAGCTCTGACTCTGAGACCCTAGATCTAGAAGAGGCTGAG
GGTGCAGTGGGCTACCAGCCAGAATACTCCAAGTTCTGCCGATGAGCTATCAGGATCCTTCTCAGCTCT
CTTGCCTCCCTACTTAGAGCATGTGGCCACAATCACACGTACAATATGGCACCAGTGCCTTGACTC
TGCTGATCTACCACCACCAGCACCTCAAGAAAGGTAGCAAGGAAAAGCAGGCTGACTTCTTGACAAG
CAGATGAGCAGAGATGAGCACAGAGCCGAGCCATGAAGATCCCATTTACCAATGACAAAATCATCAACC
TGCTGTAGAAGAATCAATGAGCTGCTGCAATACCAGTTGAGCGAGGCCAGCTGAGCCTCATCAG
GGATATCCGGCGCCGGGGCAAAAACAAGATGGCTGCACAGAAGTCCCGCAAGCGCAAGTTGGACACCATC
CTGAACCTAGAACGTGATGTGGAGGACTTGACGAGGATAAAGGCCGATTGCTCCGAGAAAAGCAGGAAA
TTTACAGGACCGTACTGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3652_h08.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108293
Insert Size:	1143 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
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_001108293.1, NP_001101763.1</u>
RefSeq Size:	1358 bp
RefSeq ORF:	1143 bp
Locus ID:	360610
Cytogenetics:	10q31
Gene Summary:	<p>This gene encodes a protein that is involved in globin gene expression in erythrocytes. Confusion has occurred in bibliographic databases for genes in the "nuclear respiratory factor" and "nuclear factor (erythroid-derived 2)" families due to a shared symbol or alias pattern of NRF*. [provided by RefSeq, Jul 2008]</p>