

Product datasheet for RN213536

Nr2f2 (NM_080778) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr2f2 (NM_080778) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr2f2
Synonyms:	Tfcoup2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213536 representing NM_080778 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAATGGTAGTCAGCACGTGGCGGACCCCCAGGACGAGGTGCCCGGCTCTCAGGGCAGCCAGGCCCT
CGCAGGGCGCCCGCTGCCGGGCCCGCCGCTGGCGCCCCGCACAGCCACAGACGCCGGGCCAAGGGG
CCCGGCCAGCACGCCGGCCAGACAGCGGCTGGCAGCCAGGGCGGCCCTGGCGGCCAGGCAGCGACAAA
CAGCAGCAGCAGCACATCGAGTGCCTGGTGTGCGGGGACAAGTCGAGCGCAAGCACTACGGCCAGT
TCAGTGGCAGGGCTGCAAGAGTCTTCAAGCGCAGCGTGGGAGGAACCTGAGCTACAGTGGCCGC
CAACCGAACTGTCCCATCGACCAGCACCCGCAACCAAGTGGCAGTACTGCCGCCTCAAAAAGTGCCCT
AAAGTGGGCATGAGACGGGAAGCTGTACAGAGGGGAGGATGCCGCCACCCAGCCTACTCACGGGCAGT
TTGCACTGACCAACGGGGACCCCTCAACTGCCACTCGTACCTGTCCGGATATATTTCCCTGCTGTGCG
CGCGGAGCCCTACCCACGTCCGCTTCGGCAGTCAGTGCATGCAGCCTAACAACATCATGGGCATCGAG
AACATTTGCGAACTGGCCGACGGATGCTCTTCAGCGCGTGTGAGTGGGCCCGGAACATCCCTTCTTCC
CTGACCTGCAGATCACGGACCAGGTGGCCCTCCTTCGCCTCACCTGGAGCGAGCTGTTGTTGATG
AGCACAGTGTCCATGCCCTCCATGTTGCCCGCTCCTTGGCCTGCTGGCCTGCACGCTTACCCATG
TCAGCCGACCGGGTGGTGCCTTTATGGACCACATACGGATCTTCAAGAGCAAGTGGAGAAGCTCAAG
CACTGCAGTCGACTCCGCCGAGTACAGCTGCCTCAAGGCATAGTCTGTTACCTCAGATGCCTGTGG
TCTGTCTGATGTAGCCACGTGGAAGTTTGCAGGAAAAGTCCCAGTGTGCTTTGGAAGAGTACGTTAGG
AGCCAGTACCCCAACAGCCAACACGGTTCGGAAGCTTTTGCTTCGCTCCCTCCCTCCGACGGTCT
CCTCCTCAGTCATAGAGCAATTGTTTTCGTCCGTTTGGTAGGTAACCCCATCGAAACCCTCATCCG
GGATATGTTACTGTCCGGCAGCAGTTTTAACTGGCCATACATGGCAATTCAT**AA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_080778
Insert Size:	1245 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_080778.2</u> , <u>NP_542956.1</u>
RefSeq Size:	1571 bp
RefSeq ORF:	1245 bp
Locus ID:	113984
UniProt ID:	<u>O09018</u>
Cytogenetics:	1q31
Gene Summary:	transcriptional activator or repressor; involved in determining the metabolic phenotype of hepatic cells [RGD, Feb 2006]