

Product datasheet for **RN205875**

Nr1h4 (NM_021745) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr1h4 (NM_021745) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr1h4
Synonyms:	Fxr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205875 representing NM_021745
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATCTGATTGGGCCCTCCATTACAAGCCACGGACGAGTTTCTCTTTCTGAAAACCTATTTGGAG
 TGCTAACAGAGCACGCGCAGGTCTCTGGGGCAGAATCTGGACTTGAATCGTACTCCCCATACAACAA
 TGTGCAGTTTCTCAAGTTCAGCCACAGATCTCCTCCTCGTCCTATTATTCCAACCTGGGTTTCTACCCG
 CAACAACCGGAAGACTGGTACTCTCTGGACTCTATGAACTCAGGCGAATGCCACTGAGAGTGTGTACC
 AGGGAGAGACTGAGGTATCCGAGATGCCTGTGACAAAGAAGCCGCGAATGGCCGCCTCATCGCGGGGAA
 AATAAAAGGGGATGAGCTGTGTGTGGTCTGCGGAGACAGGGCCTCTGGTACCATTACAACGCGCTCACC
 TGGGAGGGCTGCAAAGGTTTCTCCGAAGAAGCATCACAAAAACGCCGTGTACAAGTGAAGAAGGGG
 GCAACTGCGTGATGGATATGTACATGCGTCGGAAGTCCAGGATTGCCGGCTAAGGAAGTGCAGAGAGAT
 GGGAAATGTTGGCTGAATGTTTGAAGTAAATTCAGTGTAAATCTAAACGGCTAAGGAAAAATGTGAAG
 CAGCATGCGGATCAGACAGTGAATGAGGACAGCGAAGGGCGTGACTTGGCGCAAGTGACCTCCACGACCA
 AGCTATGCAGGGAGAAAACCTGAACTCACTGTAGACCAGCAGACCCCTCTGGATTATATTATGGACTCATA
 CAGCAAACAGAGAATGCCACAGGAGATCACAAATAAAATCTTAAAAGAAGAAATTTAGTGCAGAAGAAAAT
 TTTCTCATATTAACAGAAATGGCTACCAGTCACGTACAGATTCTCGTAGAATTCACAAAAGACTTCCAG
 GGTTTCAGACACTGGACCACGAAGACCAGATTGCTTTGCTCAAAGGGTCCGCAGTCGAGGCCATGTTCTCT
 TCGTTCAGCGGAGATTTCAATAAGAACTTCTGCCGGACACGACAGCTGTTGGAAGAAAGAATTCGA
 AAGAGCGGCATCTCCGATGAGTACATAACCCCGATGTTTAGTTTCTATAAAAGTGTGGGGAGCTGAAAA
 TGACCCAGGAAGAGTACGCTCTGCTCACAGCAATTGTCATCCTCTCCAGACAGACAATACATAAAGGA
 TAGAGAGGCAGTGGAGAAGCTTCAGGAGCCTCTGCTCGATGTCCTACAAAACCTGCAAGATCTACCAG
 CCCGAGAACCCTCAGATTTTCGCTGCCTCCTGGGTGCGCTGACAGAACCTCCGGACATTCACCATCACC
 ACGCTGAGATGCTGATGCTTGGAGGGTGAATGACCACAAGTTCACCCCGCTCTCTGTGAGATCTGGGA
 TGTGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1490_e05.zip

Restriction Sites: SgfI-MluI

ACCN: NM_021745

Insert Size: 1410 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:

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_021745.1](#), [NP_068513.1](#)

RefSeq Size: 2070 bp

RefSeq ORF: 1410 bp

Locus ID: 60351

UniProt ID: [Q62735](#)

Cytogenetics: 7q13

Gene Summary: nuclear hormone receptor that is activated by farnesol metabolites [RGD, Feb 2006]