

Product datasheet for RN216675

Hnf4a (NM_001270933) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hnf4a (NM_001270933) Rat Untagged Clone
Tag: Tag Free
Symbol: Hnf4a
Synonyms: Hnf4; Hnf4alpha
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216675 representing NM_001270933
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGACAGGGGCCAGGGTTTCCTGCAGGACCCACCAGACACATCCCCATCTGAAGGTGCCAACCTCA
ACTCATCCAACAGCCTGGGTGTCAGTGCCCTGTGTGCCATCTGTGGCGATCGGGCCACTGGCAAACACTA
CGGAGCCTCAAGCTGTGACGGCTGCAAGGGATTCTTCAGGAGGAGCGTGAGGAAGAACCACATGTACTCC
TGCAGGTTTAGCAGGCAGTGCCTGGTAGACAAAGATAAGAGGAACCAAGTGTGTTACTGCAGGCTCAAGA
AGTGCTCCCGGGCTGGCATGAAGAAAGAAGCCGTCCAAAATGAGCGGGATCGGATCAGCAGCGGGAGGTC
AAGCTACGAGGACAGCAGCCTACCCTCCATTAATGCGCTCCTGCAGGCAGAGGTCCTGTCTCAGCAGATC
ACCTCCCCATCTCTGGGATCAATGGCGACATTCGGGCCAAGAGGATTGCCAACATCACGGATGTGTGTG
AGTCTATGAAGGAGCAGCTGCTGGTCTGGTGAATGGGCCAAGTACATCCCGGCCTTCTGTGAATTCT
TCTGGATGACCAGGTGGCGCTGCTCAGAGCCACGCTGGTGAGCACCTGCTGCTTGGAGCCACCAAGAGG
TCCATGGTGTCAAGGATGTGCTGCTCCTAGGCAATGACTACATCGTCCCTCGGCATGTCCAGAGCTAG
CAGAGATGAGCCGTGTGCCATTCCGATCCTCGATGAGCTGGTCTTGGCCCTTCCAAGAGTGCAGATCGA
TGATAATGAATACGCCTGCCTCAAAGCCATCATCTTCTTTGACCCAGATGCCAAGGGGCTGAGTGACCCA
GGCAAGATCAAGCGGCTGCGGTACAGGTGAGCCTGGAGGATTACATCAACGACCGGCAGTATG
ACTCTCGGGTCTTTTTGGAGAGCTGCTGCTCCTGCCACTCTGCAGAGCATTACCTGGCAGATGAT
CGAGCAGATCCAGTTCATCAAGCTCTTTGGCATGGCCAAGATTGACAACCTGCTGCAGGAGATGCTGCTT
GGAGGGTCTGCCAGTGACGCGCCCCACGCCACCACCCCTGCACCCTCACCTGATGCAAGAACACATGG
GCACCAATGTATAGTTGCCAACACGATGCCCTCACCTCAGCAATGGACAGATGTCCACCCTGAGAC
TCCACAGCCATCACCACCAAGTGGCTCTGGATCTGAATCCTACAAGCTCCTGCCAGGAGCCATCACCACC
ATCGTCAAGCCTCCCTCTGCCATCCCCAGCCAACGATACCAAGCAGGAAGCCAT**CTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001270933
Insert Size:	1320 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001270933.1</u> , <u>NP_001257862.1</u>
RefSeq Size:	4426 bp
RefSeq ORF:	1320 bp
Locus ID:	25735
Cytogenetics:	3q42
Gene Summary:	steroid hormone receptor; involved in promoting transcription [RGD, Feb 2006] Transcript Variant: This variant (3) differs in the 5' UTR and has two coding region differences, compared to variant 1. The resulting isoform (3, also known as HNF4alpha10) is shorter, has a distinct N-terminus and lacks an internal segment in the C-terminal region, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.