

Product datasheet for **SC317729**

HNF4 gamma (HNF4G) (NM_004133) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNF4 gamma (HNF4G) (NM_004133) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNF4 gamma
Synonyms:	NR2A2; NR2A3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_004133 edited
 ATGGACATGGCAAATTACAGTGAAGTTTTGGACCAACTTACACAACCTTTGGAGTTTGAA
 ACTATGCAGATTCTATATAATTCAAGTGATAGTTCTGCCCCAGAGACAAGTATGAATACC
 ACAGACAACGGTGTCAACTGTCTGTGTCTATCTGTGGGACAGAGCAACAGGAAAAAC
 TATGGGGCATCCAGCTGTGATGGGTGCAAGGGTTTCTTCAGACGACGATTTCGTAAGAGT
 CACGTTTTATTCTTGCAGTTTCAGTCGGCAATGTGTTGTTGACAAGGACAAAAGGAATCAA
 TGTAGATATTGTCGATTAAGAAAGTGTGTTAGAGCGGGAATGAAAAAGAAGCTGTACAA
 AATGAACGTGACAGAATAAGCACCAGAAGAAGCACATTTGATGGCAGCAACATCCCCTCC
 ATTAACACACTGGCACAAGCTGAAGTTCGGTCTCGCCAGATCTCAGTCTCAAGCCCTGGG
 TCAAGCACTGACATAAACGTTAAGAAAATTGCAAGTATTGGTGATGTCTGTGAATCTATG
 AACAGCAGCTCTTAGTCTTGGTGAATGGCTAAATATATTCCTGCCTTCTGTGAATTA
 CCATTGGATGATCAGGTGGCACTGTTGAGAGCTCACGCAGGGGAGCACTTACTGCTTGG
 GCTACAAAAGAGATCCATGATATATAAAGATATTTTGTCTTTGGGAAACAACATATGTTATT
 CACCGCAACAGCTGTGAAGTTGAGATTAGCCGTGTGGCCAATCGTGTCTAGATGAGCTG
 GTTAGACCATTTCAAGAAATCCAGATTGATGACAATGAGTATGCTTGTGTTAAAGGCAATT
 GTATTTTTTGTCCAGATGCAAAAGGGCTAAGCGATCCAGTAAAAATTAAGAATGAGG
 TTCCAAGTGCAGATCGGTTTGGAGGACTACATCAATGATCGGCAGTATGACTCCCGGGG
 AGGTTTGGAGAGTTGCTTCTGCTCCTGCCACACTGCAGAGCATCACGTGGCAAATGATT
 GAGCAAATACAGTTTGTAAACTTTTTGGGATGGTTAAATTTGACAATCTACTTCAGGAA
 ATGCTATTAGGTGGGGCTTCCAATGATGGCAGTCATCTCCATCATCCAATGCATCCACAT
 TTGTCTCAAGACCATTAACTGGACAACTATACTTTTAGGTCCCATGTCAACACTGGTT
 CATGCAGACCAGATCTCAACTCCTGAAACCCCACTCCCTTCCCCACCACAAGGCTCTGGG
 CAAGAACAGTACAAAATAGCTGCAAACCAAGCATCAGTCATTTACACCAGCATCTCTCC
 AAACAAAAGCAATTGTGA

Restriction Sites: Please inquire



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ACCN:	NM_004133
Insert Size:	4100 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_004133.4</u> , <u>NP_004124.4</u>
RefSeq Size:	4101 bp
RefSeq ORF:	1338 bp
Locus ID:	3174
UniProt ID:	<u>Q14541</u>
Cytogenetics:	8q21.13
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Protein Pathways:	Maturity onset diabetes of the young
Gene Summary:	Transcription factor. Has a lower transcription activation potential than HNF4-alpha. [UniProtKB/Swiss-Prot Function]