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Product datasheet for SC313601

HNF6 (ONECUT1) (NM_004498) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNF6 (ONECUT1) (NM_004498) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNF6
Synonyms:	HNF-6; HNF6; HNF6A
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_004498 edited ATGAACGCGCAGCTGACCATGGAAGCGATCGGCGAGCTGCACGGGGTGAGCCATGAGCCG GTGCCCGCCCCTGCCGACCTGCTGGGCGGCAGCCCCCACGCGCGCAGCTCCGTGGCGCAC CGCGGCAGCCACCTGCCCCCCGCGCACCCGCGCTCCATGGGCATGGCGTCCCTGCTGGAC GGCGGCAGCGGCGGCGGAGATTACCACCACCACCACCGGGCCCCTGAGCACAGCCTGGCC GGCCCCCTGCATCCCACCATGACCATGGCCTGCGAGACTCCCCCAGGTATGAGCATGCCC ACCACCTACACCACCTTGACCCCTCTGCAGCCGCTGCCTCCCATCTCCACAGTCTCGGAC AAGTTCCCCCACCATCACCACCACCACCATCACCACCACCACCCGCACCACCACCAGCGC CTGGCGGGCAACGTGAGCGGTAGCTTCACGCTCATGCGGGATGAGCGCGGGCTGGCCTCC ATGAATAACCTCTATACCCCCTACCACAAGGACGTGGCCGGCATGGGCCAGAGCCTCTCG CCCCTCTCCAGCTCCGGTCTGGGCAGCATCCACAACTCCCAGCAAGGGCTCCCCCACTAT GCCCACCCGGGGGCCGCCATGCCCACCGACAAGATGCTCACCCCCAACGGCTTCGAAGCC CACCACCCGGCCATGCTCGGCCGCCACGGGGAGCAGCACCTCACGCCCACCTCGGCCGGC ATGGTGCCCATCAACGGCCTTCCTCCGCACCATCCCCACGCCCACCTGAACGCCCAGGGC CACGGGCAACTCCTGGGCACAGCCCGGGAGCCCAACCCTTCGGTGACCGGCGCGCAGGTC AGCAATGGAAGTAATTCAGGTCAGATGGAAGAGATCAATACCAAAGAGGTGGCGCAGCGT ATCACCACCGAGCTCAAGCGCTACAGCATCCCACAGGCCATCTTCGCGCAGAGGGTGCTC TGCCGCTCCCAGGGGACCCTCTCGGACCTGCTGCGCAACCCCAAACCCTGGAGCAAACTC AAATCCGGCCGGGAGACCTTCCGGAGGATGTGGAAGTGGCTGCAGGAGCCGGAGTTCCAG CGCATGTCCGCGCTCCGCTTAGCAGCATGCAAAAGGAAAGAACAAGAACATGGGAAGGAT AGAGGCAACACACCCAAAAAGCCCAGGTTGGTCTTCACAGATGTCCAGCGTCGAACTCTA CATGCAATATTCAAGGAAAATAAGCGTCCATCCAAAGAATTGCAAATCACCATTTCCCAG CAGCTGGGGTTGGAGCTGAGCACTGTCAGCAACTTCTTCATGAACGCAAGAAGGAGGAGT CTGGACAAGTGGCAGGACGAGGGCAGCTCCAATTCAGGCAACTCATCTTCTTCATCAAGC ACTTGTACCAAAGCATGA
Restriction Sites:	Please inquire

View online »

ACCN:	NM_004498
Insert Size:	1500 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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_004498.1, NP_004489.1
RefSeq Size:	1925 bp
RefSeq ORF:	1398 bp
Locus ID:	3175
UniProt ID:	Q9UBC0
Cytogenetics:	15q21.3
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors
Protein Pathways:	Maturity onset diabetes of the young
Gene Summary:	This gene encodes a member of the Cut homeobox family of transcription factors. Expression of the encoded protein is enriched in the liver, where it stimulates transcription of liver-expressed genes, and antagonizes glucocorticoid-stimulated gene transcription. This gene may influence a variety of cellular processes including glucose metabolism, cell cycle regulation, and it may also be associated with cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012] Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein. 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.