

Product datasheet for **SC114436**

HDGFL3 (NM_016073) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HDGFL3 (NM_016073) Human Untagged Clone
Tag:	Tag Free
Symbol:	HDGFL3
Synonyms:	CGI-142; HDGF-2; HDGF2; HDGFRP3; HRP-3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114436 sequence for NM_016073 edited (data generated by NextGen Sequencing) ATGGCGCGTCCGCGGCCCGCGAGTACAAAGCGGGCGACCTGGTCTTCGCCAAGATGAAG GGCTACCCGCACTGGCCGCGCCGATTGATGAACTCCCAGAGGGCGCTGTGAAGCCTCCA GCAAACAAGTATCCTATCTTCTTTTTGGCACCCATGAACTGCATTTCTAGGTCCCAAA GACCTTTTTCCATATAAGGAGTACAAAGACAAGTTTGGAAAGTCAAACAACGGAAAGGA TTTAACGAAGGATTGTGGGAAATAGAAAATAACCCAGGAGTAAAGTTTACTGGCTACCAG GCAATTCAGCAACAGAGCTCTTCAGAACTGAGGGAGAAGGTGGAATACTGCAGATGCA AGCAGTGAGGAAGAAGGTGATAGAGTAGAAGAAGATGGAAAAGGCAAAAGAAAGAATGAA AAAGCAGGCTCAAACGGAAAAAGTCATATACTTCAAAGAAATCCTCTAAACAGTCCCGG AAATCTCCAGGAGATGAAGATGACAAAGACTGCAAAGAAGAGGAAAACAAAAGCAGCTCT GAGGGTGGAGATGCGGGCAACGACACAAGAAACAACCTCAGACTTGCAGAAAACAGT GAAGGGACCTAA Clone variation with respect to NM_016073.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016073 unedited
 AGGGTCAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCTCGCCGC
 TTCCCCTCGTCCGAGCGGCCGCTCGTCCGCCCGGCTTGAGGCCCGCGGGGAGCGCGGC
 AATTCGTCCGCCCGCGGGGGGGCGGCCCTCCCGCATCTTCGCGGCGACCAAGGACTACCA
 GGAAGGGGAGCGGCTGGGATGGCGCGTCCGCGGCCCGCGAGTACAAAGCGGGCGACCTG
 GTCTTCGCAAGATGAAGGGCTACCCGCACTGGCCGCCCGGATTGATGAACTCCAGAG
 GGCGCTGTGAAGCCTCCAGCAAACAAGTATCCTATCTTCTTTTTTGGCACCCATGAACT
 GCATTTCTAGGTCCCAAAGACCTTTTTCCATATAAGGAGTACAAAGACAAGTTTGAAAG
 TCAAACAACGGAAAGGATTTAACGAAGGATTGTGGGAAATAGAAAATAACCCAGGAGTA
 AAGTTTACTGGCTACCAGGCAATTCAGCAACAGAGCTCTTCAGAACTGAGGGAGAAGGT
 GGAAATACTGCAGATGCCAGCAGTGAGGAAGAAGGTGATAGAGTAGAAGAAGATGGANAA
 NGGCANANNGAAGATGAAAAAGCAGGCTCAAACCGNAAAAGTCATATACTTCANAGAAA
 TCCCTCTAACAGTCCCCGAAATCTCCAGGAGATGAAAGATGACAAGACTGCAAAGAAAG
 AGAAAAACAAAGCAGCTCTGAGGTGGAGATGCGGNNNACGACACAGAAACACACTTCA
 GACTTGACAGAAAACAGTGAANGGACCCTACTACCCATATGAATGCTGCNNTATTAGAG
 AAACANCCAGAGGATTTGTTTGGTGTCTAATATCCTTGGATTNGAATGGACCCACCTA
 AGTCTTGTGTATGACAGAACCATTGTTGTACATT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016073 unedited
 GAACCGCGGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTCTATTGTCAGCTTG
 CTGTGAACAATTTTTGCTTAAATATATGAATTACATTAATACCTCACGTTACATATATGA
 AGCCAAATTAACATAACTTAGTTTGCTTACAACCTCAAATCTTACTCCCAGTACACATTC
 CAATAAATTTATCTGTAAAAACAATACATTTTTTTNGTTTTTTGAATTTTTTTACAGTAA
 ACTTTTCAACTACAAACCGTGAATACGGGAAAGATGTTCCAAGGACAAGCATTAAACAGGA
 TTGATAAAACCCAAACTGACTAAATGTGTTCTCACAATATAAGCTGGCATAAAAAATAAT
 AAAATTCTCTATTATCACAATAGCAACAATAATGTACACATAATAATGGTTTAAGGATGA
 ATATTAATCTAATTGAGTCCAAAAGAAAACAGTTTTATTTAAAAGTCTACATTT
 AAAAGTCAATGCTTTTGTCTGGTTTCCCATANGGCTGTTGCTGATTCCAGCTTTAAAAGT
 AAAGTATCCACCTTGAGTGCTTAGCTCAAAAATGTATTGGCACTGGGAAAAAAAAAATCA
 TTGCCTTATTTTGNAGTACAAAAAGACTCACTACTACTATAAAAACTAGTTGNGACAT
 AACATTGAATTTGAGAGTTAGCTGCCACTAGCTATTCTATACGATGATATTACATTTGTT
 AACTTACCATGCCTAAACTGANGACATTTAATTCGCTCATTTCCACGTTTGATTAGAATA
 TCCCTGGGTCTCACAAGGAATCCCTCTAGCTTAGTTGANGNCTTAAAAGTATTATTTA
 CCCAGTTGAAAGGGGGCAGCAGAACAGTCTACGCTGAAAAGACCAATGTAAACTGCCA
 ATTAATCTAGGTAGGCACTTTGCCCAAACGAATAACGACTTAAAGCAAGGTT

Restriction Sites:

NotI-NotI

ACCN:

NM_016073

Insert Size:

2150 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_016073.2](#), [NP_057157.1](#)

RefSeq Size: 1973 bp

RefSeq ORF: 612 bp

Locus ID: 50810

UniProt ID: [Q9Y3E1](#)

Cytogenetics: 15q25.2

Domains: PWWP

Gene Summary: Enhances DNA synthesis and may play a role in cell proliferation.[UniProtKB/Swiss-Prot Function]