

Product datasheet for **RR203204**

Hdgfl3 (NM_145785) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hdgfl3 (NM_145785) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hdgfl3
Synonyms: Hdgfrp3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203204 representing NM_145785
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCGTCCGCGGCCCGCGAGTACAAAGCGGGAGACCTGGTCTTCGCCAAAATGAAGGGCTACCCGC
 ACTGGCCGGCCCGGATTGATGAACTCCCAGAGGGCGCCGTGAAGCCTCCAGCAAACAAGTACCCTATCTT
 CTTTTTCGGAACCATGAACTGCAATTTCTAGGTCCTAAAGACCTTTTCCATATAAGGAATACAAAGAC
 AAGTTTGGAAAGTCAAACAAACGAAAGGATTTAATGAAGGATTATGGGAAATTGAAAATATCCAGGAG
 TGAATTTACTGGGTACCAGACAATTCAGCAACAGAGCTCTTCAGAAACTGAGGGAGAAGGAGGGAACAC
 TGCAGATGCAAGCAGTGAGGAAGAAGGTGACAGAGTAGAAGATGGAAAAGGCAAGAGAAAGAATGAAAA
 GGAGGCTCAAACGGAAGGCTTACACTTCAAAGAAGTCTTCTAAACAGTCCCGGAAATCTCCAGGAG
 ACGAAGATGACAAAGACTGCAAAGAAGAGGAGAACAAAGCAGCTCTGAGGGCGGAGATGCTGGCAATGA
 CACAAGAAACACGACTTCAGACTTGCAGAAAGCCGGTGAAGGGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR203204 representing NM_145785
 Red=Cloning site Green=Tags(s)

MARPRPREYKAGDLVFAKMKGYPHWPARIDELPEGAVKPPANKYPIFFFGTHETAFLGPKDLFPYKEYKD
 KFGKSNKRKGFNEGLWEIENNPVGFYQTIQQSSSETEGEGGNTADASSEEEGDRVEDGKGRKNEK
 GSKRKKSYTSKSSKQSRKSPGDEDDKCKEEENKSSSEGGDAGNDRNTTSDLQKAGEGT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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_145785.1](#), [NP_665728.1](#)

RefSeq Size: 2750 bp

RefSeq ORF: 609 bp

Locus ID: 252941

UniProt ID: [Q923W4](#)

Cytogenetics: 1q31

MW: 22.4 kDa

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