

## Product datasheet for **RN207725**

### Hdgf (NM\_053707) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Hdgf (NM\_053707) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Hdgf  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN207725 representing NM\_053707  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGCGATCCAACCGGCAGAAAGAGTACAAGTGCGGGGACCTGGTGTTCGCGAAGATGAAGGGATACC  
 CACATTGGCCGGCCGGATTGATGAGATGCCTGAGGCTGCAGTGAAATCAACAGCCAACAATACCAAGT  
 CTTTTTTTTGGGACCCACGAGACGGCATTCTGGGCCCAAGACCTCTCCCTTATGAGGAATCCAAG  
 GAGAAGTTTGGCAAGCCCAACAAGAGGAAAGGGTTCAGCGAGGGGCTGTGGGAGATCGAGAACAACCTA  
 CAGTCAAGGCCTCGGGCTACCAAGTCTCCAGAAAAAGAGCTGCGCAGAAGAGCCGAAGTGGAGCCTGA  
 AGCCACGAGGGTGACGGTGACAAGAAGGGCAATGCAGAGGGTAGCAGCGACGAAGAAGGGAAAAGTGGTC  
 ATCGATGAGCCAGCCAAGGAGAAGAATGAAAAGGGCATGCTGAAGAGGAGAGCAGGGGACATGCTGGAGG  
 ACTCCCTAAACGTCCAAGGAGTCAGGAGACCATGAAGAGGAGGAAAAGGAGATAGCTGCCCTGGAGGG  
 TGAGAGGGCCCTACCTGTAGAGATGGAGAAGAAGCAGCACCCCTCTGAGCCAGACTCTGGCCAGGGACCT  
 CCTCCAGAGGAAGAAGAGGGGGAGGAAGAGGCTGCCAAGGAAGAGGCTGAAGCCAGGGCGTCAGAGATC  
 ATGAGAGCCTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
 ACCN: NM\_053707  
 Insert Size: 714 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_053707.2</a> , <a href="#">NP_446159.1</a>
<b>RefSeq Size:</b>	1847 bp
<b>RefSeq ORF:</b>	714 bp
<b>Locus ID:</b>	114499
<b>UniProt ID:</b>	<a href="#">Q8VHK7</a>
<b>Cytogenetics:</b>	2q34
<b>Gene Summary:</b>	induces DNA replication in vascular smooth muscle cells [RGD, Feb 2006]