

## Product datasheet for **RN213062**

### Hgf (NM\_017017) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hgf (NM_017017) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hgf
Synonyms:	HPTA
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN213062 representing NM\_017017  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGTGGGGACCAAACCTTCTGCCGGTCTGTGTCTGCAGCATGTCCTGCTGCACCTCCTCTGCTTC  
 CTGTCACCATCCCCTATGCAGAAGGACAGAAGAAGAGAAGAAACTCTTCATGAATTCAAAAAGTCAGC  
 AAAAATACTCTTACCAAGGAAGACCCATTAGTGAAGATTTAAACCAAAAAAGTGAACCTCTGCAGATGAG  
 TGTGCCAACAGGTGCATCAGAAACAAGGGCTTTCCATTCACTTGAAGGCCTTTGTTTTGATAAGTCGA  
 GAAAACGATGCTACTGGTATCCTTTCAATAGTATGTCAAGTGGAGTGAAAAAGGGTTTGGCCATGAATT  
 TGACCTCTATGAAAACAAAGACTATATTAGAAATTGCATCATTGGTAAAGGAGGCAGCTATAAGGGGACA  
 GTATCCATCACTAAGAGTGGCATCAAGTGCCAGCCTTGGAAATCCATGATCCCCATGAACACAGCTTTT  
 TGCCTTCGAGCTATCGCGGTAAGACCTACAGGAAAATACTGTGAAAATCCTCGAGGGGAAGAAGGGGG  
 ACCCTGGTGTTCACAAGCAATCCAGAGGTACGCTACGAAGTCTGTGACATTCCTCAGTGTTCAGAAGTT  
 GAATGCATGACCTGCAACGGTGAAAGCTACAGAGGTCCCATGGATCACACAGAATCAGGCAAGACATGTC  
 AGCGCTGGGATCAGCAGACACCACCCGACAAATTCCTGCGGAAAAGATATCCCGACAAGGGCTTTGA  
 TGATAATTATTGCCGCAATCCCATGGCAAGCCGAGGCCATGGTGTACACTCTTGACCCCTGACACCCCT  
 TGGGAGTATTGTGCAATTTAAATGTGCGCTCACAGTGTGTGAATGAGACTGATGTTCCCATGGAACAA  
 CTGAATGTATAAAAGGCCAAGGAGAAGGTTACAGGGGAACCACCAATACCATTTGGAATGGAATTCGGT  
 TCAGCGTTGGGATTTCGAGTACCCCAAGCATGACATCACTCCCGAGAATTCAAATGCAAGGACCTT  
 AGAGAAAATTATTGCCGCAATCCGGATGGGGCTGAATCACCATGGTGTTCCTACTGATCCAAACATCC  
 GAGTTGGTTACTGCTCTCAAATTCCAAATGTGACGTGTCAAGTGGACAAGATTGTTATCGTGGCAATGG  
 GAAAAACTACATGGGCAACTTATCCAAAACAAGGTCTGGACTCACATGTTCCATGTGGGACAAGAAATATG  
 GAGGATTTACACCGTCATATCTTCTGGGAGCCAGACGCTAGCAAGTTGACTAAGAATTACTGCCGGAACC  
 CCGATGACGACGCCATGGACCTTGGTGTACACAGGGAATCCTCTCGTTCCTGGGATTATTGCCCTAT  
 TTCCCGTTGTGAAGGAGATACTACACCTACAATTGTCAATTTGGACCATCCTGTAATATCCTGTGCCAAA  
 ACAAACAACCTGCGAGTTGTAATGGCATTCCAACACAAACAACAGTAGGGTGGATGGTTAGTTTGAAT  
 ACAGGAATAAACACATCTGTGGGGATCATTGATAAAGGAAAGTTGGGTTCTTACTGCAAGGCAATGTTT  
 TCCAGTAGAAAACAAGACTTGAAGACTATGAAGCTTGGCTTGGATCCATGATGTCCATGAGAGAGGC  
 GAGGAGAAACGCAACAGATCTTAAACATTTCCAGCTAGTCTATGGACCTGAAGGCTCAGATTTGGTTT  
 TACTGAAGCTTGTTCGCGCTGCAATCCTGGATAACTTTGTGAGTACAATTGATTTACCTAGTTATGGCTG  
 TACAATCCCTGAAAAGACTACTTGCAGTATTTACGGCTGGGGCTACACTGGATTGATCAACGCAGATGGT  
 TTATTACGAGTAGCTCATCTGTATATTATGGGGAATGAGAAATGCAGTCAGCACCATCAAGGCAAGGTGA  
 CTTTGAATGAGTCTGAATTATGTGCTGGGGCTGAAAAGATTGGATCAGGACCTTGTGAGGGAGATTATGG  
 TGGCCCACTCATTTGTGAACAACAAAAATGAGAATGGTCTTGGTGTGATTGTTCTGCTGGTGGATGT  
 GCCATCCCAATCGTCTGGTATTTTGTTCGAGTAGCATATTATGCAAAATGGATACACAAAGTAATTT  
 TGACATACAAGTTG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_017017

**Insert Size:** 2187 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).

<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>	<u><a href="#">NM_017017.2</a></u> , <u><a href="#">NP_058713.1</a></u>
<b>RefSeq Size:</b>	2532 bp
<b>RefSeq ORF:</b>	2187 bp
<b>Locus ID:</b>	24446
<b>UniProt ID:</b>	<u><a href="#">P17945</a></u>
<b>Cytogenetics:</b>	4q12
<b>Gene Summary:</b>	plays a role in positive regulation of cell proliferation; may promote entry into the cell cycle [RGD, Feb 2006]