

Product datasheet for **RR213062**

Hgf (NM_017017) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide
Sequence:

>RR213062 representing NM_017017
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGATGTGGGGACCAAACCTTCTGCCGGTCTGTGTCTGCAGCATGTCCTGCTGCACCTCCTCTGCTTC
CTGTCACCATCCCCTATGCAGAAGGACAGAAGAAGAGAAGAAATACTCTTCATGAATCAAAAAGTCAGC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RR213062 representing NM_017017
Red=Cloning site Green=Tags(s)

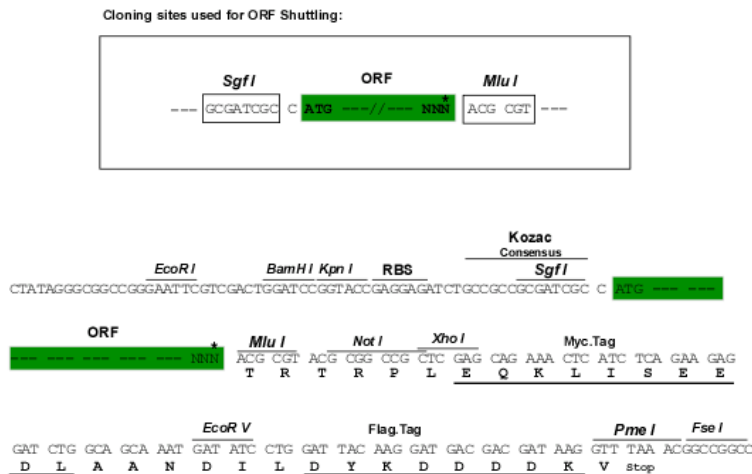
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VSITKSGIKCQPWNSMIPHEHSFLPSSYRGKDLQENYCRNPRGEEGGPWCFTSNPEVRYEVCDIQCSEV
ECMTCNGESYRGPMDHTESGKTCQRWDQQTTPHRHKFLPERYPDKGFDDNYCRNPDGKPRPWCYTLDPDT
WEYCAIKMCAHSVNETDVPMETTECIKQGEGYRGTNTIWNIGIPCQRWDSQYPHKHDIIPENFKCKDL
RENYCRNPDGAESPWCFTTDPNIRVGYCSQIPKCDVSSGQDCYRGNKGYMGNLSKTRSGLTCSMWDKMN
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LLRVAHL YIMGNEKCSQH HQGKVTLNESEL CAGAEKIGSGPCEGYGGPLICEQH KMRMVLGVIVPGRGC
AIPNRP GIFVRVAYYAKWIHKVILTYKL*HTS
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1542_e08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

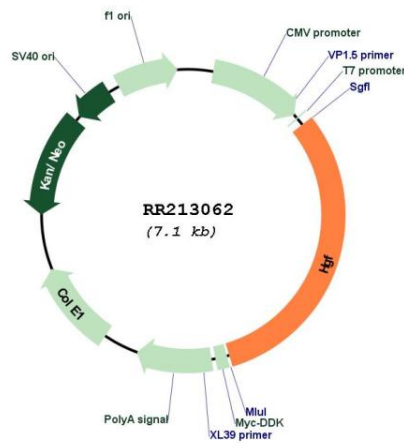
ACCN: NM_017017

ORF Size: 2184 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:	<ol style="list-style-type: none"> 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 Size:	2532 bp
RefSeq ORF:	2187 bp
Locus ID:	24446
UniProt ID:	<u>P17945</u>
Cytogenetics:	4q12
MW:	82.9 kDa
Gene Summary:	plays a role in positive regulation of cell proliferation; may promote entry into the cell cycle [RGD, Feb 2006]

Product images:


Circular map for RR213062