

Product datasheet for **RN211447**

Hrg (NM_133428) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hrg (NM_133428) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hrg
Synonyms:	HPRG; HRG1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211447 representing NM_133428
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGTGCTCACACGGCATTGCTTCTAGTCACCCCTGCAGTGTCCCATGCCCTGAGTCCCACCAACT
 GTGATGCCTCCAAGCCTTTGGCTGAGAAAGTTCTAGACTTGATCAATAAAGGGCGGAGGAGTGGCTATAC
 TTTTCAGCTGCTGCGGGTCTCTGATGCCCACTTGACAGAGTGGAAACTGCCACCATCTACTACTTGT
 TTAGATGTGGTAGAATCTGACTGTTGGGTCTCTCCACAAAAGCCAGGATGAGTGTCTCCAGCCATGA
 GGACATCTGAGGTTGTGATTGGACAGTGAAGTAATAGCCACAAGATACTCCAATGAGTCTCAAGATCT
 TAGCGTGAATGGCTATAACTGCACCATGAGATCCGTCTCTTCGGCATATATCAACACCAAAGACAGTCT
 GTACTAGTGGACTCATTTGAGGATTCGAGCCCTACAGAAAGCTAGCCCGTAAAGCCCTCGACAAGTACA
 AAGCGGAGAATGGTGACTTTGCCTCATTAGAGTGGAAAGGGCTGAAAGGGTTATAAGAATGAGAGGAGG
 GGAAGAACCAGCTACTCATAGAATTCTCGGTGAGGAACTGTTCCACACAACACTTCCCAGACACCCCT
 CCGGTCTTTGGATTGTGCAGAGTAGTTTGGACCTACAGTACAGAAAGCCTCTGACTTGAAACCCCAAGT
 ACACTGACCTGATCTGTGAAGTCTTCAACACTGAGGATCTTAAAAACAGGAGTGACATGAAACCCCATCG
 GGGCCATGAGCATCCTCATTGTGACAAACATCTGTGTAAGCTCAGTGGACCCAGGGACCATCATCATAAC
 CATAAGACACATGAAATTGGATGCCACCACCACAGAAAGAAAGATAACTCAGACAGACCACCCCTTC
 AAGAAGGAGCCCTCCACAAATGCTCCCTGGCCATTCTGGTCTTCTGGTACCAACAGGAGCCATAGACC
 CCCTCATAATCACAGTTGTAATGAGCATCCGTGCCATGGACAGCATCCCCATGGACACCACCCCTCATGGT
 CAGCATCCCCATGGACACCACCCCTCATGGTCAGCATCCCCATGGACACCACCCCTCATGGTCAGCATCCCC
 ATGGACACCACCCCTCATGGTCAGCATCCCCATGGACACCACCCCTCATGGTCAGCATCCCCATGGT
 TCCCCATGGACACCACCCCATGGACATGATTTTCCTTGACTATGGACCTTGTGACCCACCCCTCCAATAGC
 CAAGAACTCAAGGGTCAGTATCATCGGGGACATGGTCCACCACACGGACACTCAAGGAAAAGAGGGCCAG
 GTAAGGACTCTTTCTTTCCACCAACGACAAATCGGATATGTCTACCGACTCCCTCCACTGAATGTAGG
 TGAAGTTCTCACTCCTCCTGAAGCAATTTCCCCATCTTCTTTGCCAAATTGCAACAGACCCCAACA
 CCAGAGATTCGGCCCTCCCTCAGACAGCCTCAAAGTCTGTCCAGGAAATTTGAGGGTAAGTTTCCAC
 AAGTTTCAACTTTTTTGAACATACGCCTCCAAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_133428

Insert Size: 1578 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_133428.2](#), [NP_596919.1](#)

RefSeq Size: 1713 bp

RefSeq ORF: 1578 bp

Locus ID: 171016

UniProt ID: [Q99PS8](#)

Cytogenetics: 11q23

Gene Summary: plasma protein that may play a role in immune response and blood clotting [RGD, Feb 2006]