

Product datasheet for **RN201860**

Hgs (NM_019387) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hgs (NM_019387) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hgs
Synonyms:	Hrs
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201860 representing NM_019387
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGCAGGCAGCGGCACCTTCGAGCGTCTCCTAGACAAAGCCACCAGCCAGCTTCTATTGGAGACAG
 ACTGGGAGTCCATTCTACAGATCTGCGACTGATCCGTCAGGGGACACACAAGCAAAATATGCTGTAAA
 CTCATCAAGAAGAAGGTCAATGATAAGAACCACATGTGGCTTTGTATGCTCTGGAGGTGATGGAGTCT
 GTGGTAAAGAACTGTGGCCAGACAGTCCATGATGAAGTGGCCAACAACAGACCATGGAAGAAGTGAAGG
 AGCTGCTGAAGAGGCAAGTGAAGTTAATGTTCCGAACAAGATCTTGTACCTGATCCAGGCCCTGGGCACA
 TGCGTTCGGAATGAACCAAGTACAAGTGGTCCAGGACACATACCAGATCATGAAGTGAAGGACAT
 GTCTTCCCTGAGTTAAGGAGAGCGACCCATGTTTGTGCTGAAAGAGCCCTGACTGGGTGGATGCTG
 AGGAGTGCATCGGTGCAGAGTACAGTTTGGAGTGGTGACCCGAAGCATCACTGCCGAGCGTGTGGGCA
 GATCTTTTGTGGCAAGTGTTCCTCAAGTACTCCACCATCCCAAGTTCGGCATTGAGAAGGAAGTGGC
 GTGTGTGAGCCCTGCTATGAGCAGCTGAACAAGAAGGCAGAAGGGAAAGCTGCCTTACCACTGAGCTGC
 CCCCAGAGTACCTGACCAGCCCCCTGTCACAGCAGTCTCAGCTGCCCCAAAGCGGGATGAGACAGCACT
 GCAAGAAGAGGAGGAGCTACAGCTGGCGCTGGCCCTATCACAGTCAGAGGCTGAGGAGAAGGAAAGGATG
 AGACAGAAGTCAACATACACAGCGCATCCAAGTCAAGAGCCTGCGCCCTTGGCTTCTCTGCACCCCAAG
 CTGGTAGCCTGTACTCTCGCCTGTGAAGTCAACAGCCTCTGGCTGAGGACATCGACCCTGAGCTTGC
 AAGTACCTCAACCGAACTACTGGGAGAAGAAACAGGAAGAAGCTCGGAAGAGCCCCACACCATCTGCA
 CCTGTGCCCTGACCGAGCCAGCTGCCAGCCCGGAGAAGGACATACAGCCCCAACAGCATGGTAGAGG
 CCCCTCTCCAGAGACAGACTCTCAGCCATAACTTCTGCAAGTGGCCCTTTAGTGAGCAGTACCAGAA
 CGGGGAGTCGGAGGAGAGCCACGAGCAGTTCTCAAGGCCCTGCAGAATGCAGTCAGCACTTTTGTCAAC
 CGCATGAAGAGCAACCACATGAGGGGCCGAGTATCACCATGACTCGGCTGTGCTGTCCCTCTCCAGT
 CCATCAATAGCACACACCACAGCTGCTCGAGCTGCTCAACCGGCTGGATGAGCGCAGGCTGACTACGA
 GGGGCTTCAGGACAAGCTGGCACAGATACGTGATGCCCGAGGGGCCCTGAGTGCCTGCGTGAAGAGCAC
 AGGAGAAGTGCAGCGGCGAGCTGAGGAGGCGGAGCGTCAACGTGAGTCCAGCTGGCACAGAAGCTGG
 AGATCATGAGACAAAAGAAGCAGGAGTATCTGGAGGTGCAGAGACAGCTAGCTATCCAGCGTCTGCAGGA
 ACAGGAGAAGGAACGGCAGATGCGCCTGGAGCAACAGAAGCAGACTGTCCAGATGCGTGCAGATGCCT
 GCCTTCCCCTTGCTTATGCCAGCTCCAGGCTATGCCACAGCTGGGGGTGACTCTACCAGCCCTCAG
 GCCAACCAGCTTCTGCGACCTTAGCCAGCAGGCTCAGTAGAGGGCTCTCCGATGCATGGTGTGTA
 TATGAGCCAGCCAGCCCCAGCCACTGGCCCTACCCAGCATGCCTGGCACACAGCAGATCCCAGCATG
 GTCAGCGCTACATGTACCCAGCAGGTGCCCTGGGGCACAGGCAGCCCTCAGGCCAGGCCGGGCCCA
 CCACCAACCCTGCCTACTCTCGTACCAGCCTACTCCAACCCAGGCTACCAGGCCCCACAGAGCCTCCC
 AGCCATCTCCAGCCTCCACAGACCAGCAACATGGCTACATGGGGAGCCAGCCAATGTCATGGGCTAC
 CAGCCATACAACATGCAGAATCTCATGACCACCCTTCCAGGCCAGGATGCGTCTCTGCCAGCCAGCAGC
 CCTACATCACAGGGCAGCAGCCATGTACCAGCAGATGGCACCCAGCACTGGCCCTCCCCAGCAGCAGCC
 CCTGTGGCCCAACCGCCACCTACACAGGGACCGCCAGCACAGGGCAATGAGACCCAGCTCATCTCTTCC
 GACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019387
Insert Size: 2316 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:	<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:	NM_019387.2 , NP_062260.2
RefSeq Size:	2846 bp
RefSeq ORF:	2316 bp
Locus ID:	56084
UniProt ID:	Q9JJ50
Cytogenetics:	10q32.3
Gene Summary:	interacts with SNAP-25 and is involved in regulation of neurosecretion [RGD, Feb 2006]