

Product datasheet for **RN200002**

Gon7 (NM_001142941) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gon7 (NM_001142941) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gon7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RN200002 representing NM_001142941. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGAGCTTTCTGGCGAGTATGTCGGTGGTGACGGGGAGCCGAGCGGCTACAAGTGCCTGTGAAGCG
TCGAGCGACGCGGACCCTCTCCAGAGCCTGTCGGCGGGCGTGGTCCGCATGAAGGAGTTGGTAGCGGAG
TTCTTCGGGACCCTAGTGGAGCAGGACGCACAGGGCGTGGCGGAAGATCCGGAGGACGCTTTGGATGGT
GATGAAGATGATGCAGAAGATGAAAATAACTCTGGTAGAACTAACTCAGATGGACCATCTGCAAAACGA
CCTAAACCAACTTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Protein Sequence: MELSGEYVGGDGEPRQLQVSCEASSDADPLQSLSAGVVRMKELVAEFFGTLVEQDAQVAEDPEDALDG
DEDDAEDENNSGRTNSDGPSAKRPKPTS*
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Fully Sequenced ORF:	>RN200002 representing NM_001142941 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAGCTTTCTGGCGAGTATGTCGGTGGTGACGGGGAGCCGAGCGGCTACAAGTGCCTGTGAAGCGT CGAGCGACGCGGACCCTCTCCAGAGCCTGTCGGCGGGCGTGGTCCGCATGAAGGAGTTGGTAGCGGAGTT CTTCGGGACCCTAGTGGAGCAGGACGCACAGGGCGTGGCGGAAGATCCGGAGGACGCTTTGGATGGTGTAT GAAGATGATGCAGAAGATGAAAATAACTCTGGTAGAACTAACTCAGATGGACCATCTGCAAAACGACCTA AACCAACTTCTTAA ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001142941
Insert Size:	294 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:	<u>NM_001142941.1</u>
RefSeq Size:	950 bp
RefSeq ORF:	294 bp
Locus ID:	100233176
Cytogenetics:	6q32
MW:	10.2 kDa