

Product datasheet for **RN208925**

Gas7 (NM_053484) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gas7 (NM_053484) Rat Untagged Clone
Tag: Tag Free
Symbol: Gas7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208925 representing NM_053484
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAACGGCACTTCAGAAGCCTGGGATGGTCCCCCTCCGCCAGGAGAGGAGAGCCAGACGGTCATCC
TTCCACCCGGCTGGCACAGCTACTTGTCTCCTCAGGGCCGCGTTACTATGTCAACAGCACTACCAATGA
GACCACCTGGGAATGCCAGCAGTTCTTCTGGGATTTTCAGCCAGCCCTGGCCCTCACAGGGCTCTCTG
CTCCAACAGTGAATGGATACCACGCATCAGGGACCCCGCGCACCTCCAGAGACTGCCACATGAGTC
TCCGAAAATCCACCGGTATTCCAGAAGCTGGGCTCCTCGTCGCCAGGCAAGAAACAGAGCAAAGAAAA
CACCATCACAATAAACTGTGTGACATTCCTCACCCAGACACAATGCCTGAACAGCAACTGCTCAAGCCG
ACTGAGTGGAGCTATTGCGACTACTTCTGGGCGGATAAGAAGGACCCACAAGGCAATGGCACAGTGGCTG
GGTTTGAAGTGTGTCGAGAAGCAACTGAAAGGCAAGCAGATGCAGAAGGAGATGTCTGAGTTCATCCG
AGAAAGGATAAAGATTGAAGAAGAATATGCAAAGAACCTTGCTAAGCTCTCTCAGAACTCCTTGGCTGCC
CAGGAGGAAGGCTCCCTGGGAGAGGCATGGGCCAAGTAAAGAAGAGTCTGGCCGATGAGGCTGAAGTTC
ACCTCAAGTTCCTGCCAAGCTCCACAGCGAGGTGGAGAAACCCCTGATGAACTCCGAGAGAATTCAA
GAAGGACATGAAAAAGTGTGACCACCACATCGCTGACCTCCGTAAGCAGCTAGCCAGCCGCTATGCCTCA
GTGGAGAAGGCCCGAAAAGCCCTCACAGAGCGGCAAGAACCTGGAGATGAAGACCCAGCAGCTGGAGA
TCAAGTTGAGCAACAAGACTGAGGAGGACATCAAGAAGGCACGGAGGAAGTCCACTCAGGACGAGATGA
TCTCATGCGCTGTGTGGACCTCTACAACCAGGCCAGTCCAAGTGGTTTGAAGAGATGGTACGACCACC
CTGGAGCTGGAGCGGCTGGAGGTGGAGAGGGTAGAGATGATCCGACAACATCTGTGCCAGTACACACAGC
TGCGGCATGAGACAGACATGTTCAACCAAAGCAGCAGTCCGAGCCTGTGGACCAACTGCTGCCAAAAGTGA
CCCAGCCAAAGACAGAGAGCTATGGGTGAGAGACACAAAACAGGCAACATTCGCCAGTGGACATGGAG
ATC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_053484
Insert Size:	1266 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_053484.2</u> , <u>NP_445936.2</u>
RefSeq Size:	6796 bp
RefSeq ORF:	1266 bp
Locus ID:	85246
Cytogenetics:	10q24
Gene Summary:	human homolog may have a role in neuronal development [RGD, Feb 2006]