

Product datasheet for **RN208408**

Gin1 (NM_001025012) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gin1 (NM_001025012) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gin1
Synonyms:	RGD1307449
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208408 representing NM_001025012
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGTCCGTAGTGGGAAAAACGGTGACCTTCATCTTAACAGATCGCGTACTATAAGCGCACAGGCGAGT
 ACCACCCGACCACACTGTCGAGTGAGAGAAGCGGCATCAGAAGGGCGGCTAAGAAATTTGTCTTCAAAGA
 AAAAAAGCTGTTTATGTTGGAAGACAGAAAACAAATCGTTTGGTAGTTGTTTCGGAAGAGGAAAAA
 AAGAAAGTGTGAGAGAGTGCCATGAAATGGCCCTGGTGTCCATCACGGCATCTCCAGAACCCTCACTC
 TAGTGGAGTCCAGCTACTATTGGACATCCGTGACCAATGATGTCAAGCAGTGGGTATATGCTTGTACGA
 TTGCCAAGTAGCGAAAAGCACAGTTATCGTAGCACACAGCAGCACCTTCCGTGGTGGGAAACCGTGG
 AGTGTAGTTACTGTTGATCTGATGGGACCTTCCATACAAGCAGCAGAAGTCATGTGTATGCTATGATCA
 TGACAGACTTGTTCACAAATGGGTATGATTTTGCCTTTATGTGATGTTTCAGCATCAGAAATTTCTAA
 AGCTATTATCAATATATTTTCTATATGGACCTCCTCAGAAAATAATAATGGACCAAAGAGATGAATTC
 ATTGATCAGATCAATGTAGAAGTATAGATTATTTGGTGCAAAGGAGATTGTAATTTCTCAAGCGTCTG
 GAAGTGTGAATCCATCTGAAAGCACGCCAGCAGCGGTGAAACATTCTCTCCAAACACTGCGCCGAGCA
 CCCCAGACCTGGGACGAGGAGCTGCCAGCTCTCTCTTTGCCTTCAACGTGACCCGCGTGGAGCCTACT
 AAAAACTCGCCGTATTTCCAAATGTTCAACCGGAACCTTGCTTGCTCGAGTGTCTCATGAAGGGGGAG
 GCGAAGGCACAAGCGTGTTCGCCAGAATCGTGGCTGCGGTTAGAGAGGCTGATGGCGTGGTGGAGAACCA
 GACACCAGCAGCAGGCCAGATGGAGAGCAGCACTTCAGAGGAGCTGAGTAAAAGCAAAGTTGCTAAGAAG
 AAACCAAAGCAGCTAAACCCCTTCCACTTGAAGTGGGTGACGAGGTGTTAAGGCAGAGGAAGAACTGGT
 GGAAGGATGGCCGCTTCCAATCTGAGTGGGTGGTCTGTGTCTCATCGACTACATTACAGACAGCGGATG
 CGCTGTCTCTCAGAGACAACACTGGAACCAAGCTCAAACGACCTATCAAAATGTCCACCTCAGGCCTTAC
 GTGAGAGAGCCAAGTGAAGCAGGACAGTCTTTATCTCTGCAAGGTTCCATAGTGGCGGATCACGACTACA
 TTGGATTACCTGAAATCCAGTTGGAACATACCAGGCTAATATTCTGGTGAAGATGCAACGATCGGGAT
 TGTGATAATGAATTATTGATATCAAGCAAGGATCATGAAGTCTTAGAATATAGAAATTCAAAAATCTCT
 GCGTTGGTAGAAGACCACAGTTCTCTTGAGAAACAGACTTTCAGTCTACTGGATTCTTCAATCAAGTTC
 TTGAGTACCTCAGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001025012

Insert Size: 1557 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_001025012.1](#), [NP_001020183.1](#)

RefSeq Size: 1866 bp

RefSeq ORF: 1557 bp

Locus ID: 316687

UniProt ID: [Q66H30](#)

Cytogenetics: 9q37