

Product datasheet for RN214438

Gigyf1 (NM_001107133) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gigyf1 (NM_001107133) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gigyf1
Synonyms:	Perq1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214438 representing NM_001107133 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGCGGAGACTCAACTTTGGGCTGAGTGGCTGAGAGCCCTTCCAGCGGTGGCAGCGTGGCCT
CTCCACCCCATCCCCTGCCATGCCAAGTACAAGCTGGCAGATTACCGCTATGGCGGAGAGGAGATGCT
GGCCCTCTATGTCAAGGAGAACAAGTTCCCGAGGAACACAGGACAAGGAGTTTCTGTCAGTGTACAG
GAGGAGCCGCTGCAGCCCTGGCTCTGGAGCCTCTCACTGAGGATGAGCAGAGAACTTCTCCCTGTCCGG
TGAACAGTGTGGCTGTGCTGAGGCTGATGGGAAAAGGGGCTGGGCCCTTTGGCTGCCACCTCCCGTGG
CAGGGGACGACTCGGAGCCGAGGGCGAGGCCGTGGTGACAGTCTTTTACAAAGAAGCATTGAGGAA
GGCGATGGGGCCTTTGGACGCAATCCTCGGAGATCCAGCGAAGCCAGAGCTGGGACGACAGAGGTGAGA
GGCGTTTGAGAAGTCTGCAAGGAGGGATGGAGTACGATCTGGCTTTGAGGAGGGAGGGGCTGGCCCGAG
GAAGGAGCATGCGCGCTCAGACAGTGAATTTGGCGCTCACTTCGAGAGGAGCAAGAGGATGATAGCAGC
TGGAGACTTGGGCAGGACCCCGCGAGATGGTATCGTGGCGTTCCACCAGTCTGACGGTGGTCCCC
GCTCTGTGGCTGGCGGAGCATGGAGAGCGGAGGCGCAAGTTTGATTTTGATTTGCGAGGGGAACGCGG
AGGTTGTGGTGAAGAAGATGGGCGAGTTGGGGGAGGCAACTCACACCTCCGAAGATGCCGGGGCTGGAT
GGCTTTGAAGATGACAAGGATGGCTCCAGAGTGGTGCCTGGATGATGAGGATGAGGAGATGGGTACTT
TTGATGCTTCTGGAGCCTTCTGCTCTTAAGAAGGGCCCAAGGAACCTATTCCAGAGGAGCAAGAGCT
TGATTTCCAGGGCCTGGAGGAAGAGGAAGGAACCATCAGATGGGGTGGATGAAGAGGGGCTGAGGCC
GGAGGGAAGGAAGTGACCCATTGCCTCCTTCAAGAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAG
GCCCTCTCTGGACAGCAATGAAGATGGTGGAGCAGTGGAGAAAGAGCTGCCCGGCTGAAGGAGACGA
GATGAGGGGACTGCCTTAAGTCAAGAATCAGTTCCTCCTGCAGGCCCGCTGCAGACCTAGAAGAT
GAAGAAGGCTTGAAGCACTTGAACAGGAGGCAGAGAAGCTGGTGGCCTCCTGCAGGACAGCTCCCTGG
AGGAGGAGCAGTTCACTGCTGCCATGCAGACCCAGGGCCTACGCCACTCCACAGCCGCCACTGCCCTTCC
CCTCAGCCATGGCGCTGCCCGAAAGTGGTTCTACAAGGACCCACAGGGAGAGATCCAAGGCCCTTCCACA
ACCCAGGAGATGGCTGAGTGGTTCCAGGCTGGCTACTTCTCCATGTCCTCTTAGTGAAGAGGGGCTGCG



View online »

ATGAGGGTTTCCAGCCTCTGGGAGAGGTGATCAAGATGTGGGGCCGTGTGCCCTTTGCCCCAGGGCCCTC
 GCCACCCCGCTGCTGGGGAACATGGATCAGGAGCGGCTGAAGAAGCAGCAGGAGCTGGCTGCGGCAGCC
 CTGTACCAGCAGCTGCAGCACCAGCACTTTCTGCAGCTGGTTGGCAGCCGCCAGCTCCCAGCTGTGCGA
 CACTCCGGGAAAAGGCAGCTATGGGGGACCTGACGCCGCCGAGCAGCAGCTCACTACGTTCTGCAGCA
 GCTCCAGGCTCTCAAACCCCGAGAGGTGGGGACCAGAACCTGCTCCGACAATGAGCCGGTCTTGTGCG
 GTGCCAGATTGAGCCCCCTCTGGGACTTACATACCTCAGCTTCATCACAGTCAGGTGGTGAGGCCAGTC
 TTTGGGACATAACCAATTAACCTTCGACTCAGGGTCCAATTCTAGAACAACCTCCAGCTGCAACACAAT
 TCAAGAACGCAGAGAAGTGGAGCTCAGGGTGAAGCGGGAGGAGGAGGAGCGCAAACGCCGGGAGGGAAG
 CGTCGCCAGCAGCAGCAGCAGGAGGAGCAGAAGCGGCGTCAGGAGGAGGAGGAGCTTTTCGACGCAAGC
 AGGTGCGGCAGCAGGAACGTGTTGCTGAAGCTGCTACAGCAGCAGCAGGCGACGAATGTCCCTGTGCCCC
 TGCACCCAGCTCCCACCCCACTCTGGGCTGGCCTAGCCAAGCAGGGCCTGTCCATGAAGACTCTGCTG
 GAGCTGCAGATGGAAGTGAAGCGCAACTGCACAAGCAGCCGCCACCACGGGAGCCTCTGCGGGCCAGG
 CCCCCAACCCAGTGAACCTTGGGGCTTGGGCACTGCCCTCTGAACAGTGGGTGTCTGAGGCTGG
 GCCACTGTGGGGGGCCAGACAAGAGTGGGGCAGCAGCAGTGGCAACCTGGGACTCTGGAAGACTCT
 CTAAGAGTGGCGGGAGCCTGGCCGAAGCCTGGGCCTAAAGAAGTGGGAGCAGCCCGTCTCTCAGTG
 ACTCTACAGCCACTGTGAGTGCACCTGTTCCGAAAAAGACCGAAGAGGAAGAGAAGTTGCTGAAGCT
 GCTACAGGGCATCCCTCGGCCCCAGGATGGCTTACCCAATGGTGTGAGCAGATGCTGCACACTCTGAGC
 ACCACAAGCAGCCTGGATGTTCCATGGCTGTAGCGATCCTCAAGGAGGTGGAGTCCCCTTATGATGTCC
 ATGATTATATTGTTCTGCCTGGGGGACACGCTGGAAGCCAAAGAAATTTGCCAAACAATTCCTGGAGCG
 GAGGGCCAAGCAGAAAGCCAGCCAACAGCGGCAGCAGCAACAGCAGCAGCAGCAGCAGCAACAGCAG
 CAGCAGGAGGCTGGCTGAGCAGCAGCTCCCTACAGACAGCCTTTCAGGCCAACCCAGCACCACCAACTGG
 GCCCTGGGGAGGGCAGCAAGGCCAAGAGCGGGCGCTGATGCTTCACTTGACCCAGCATCTTGGGGTA
 CTCCTGCACGGCCCTCCGGTGAGATCGAGAGCGTGGATGACTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107133

Insert Size:

3129 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_001107133.1, NP_001100603.1

RefSeq Size:

3939 bp

RefSeq ORF:

3129 bp

Locus ID: 304378

Cytogenetics: 12q12