

Product datasheet for **RN209483**

Gmip (NM_001107308) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gmip (NM_001107308) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gmip
Synonyms:	RGD1565577
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209483 representing NM_001107308
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTCAACGGAGACAGAGCTAACCCAGCTCCTGAGGGCAGGAAGAGATACAGTGACATCTTCCAGA
 GCCTGGACAACCTCGAGATATCATTGGGGAACGTGACTTTCGATCCCCTGGCTGGAGACCTTGACTCAG
 AGAAGACCTGGAGCCTGACAAGACTGACACAGCTGCAGTGGAGACTGAGGAGAACAGTGAAGCCAGTTGG
 AGCAACCCCTCCCCAGAAGGCCCTGCACCCCTCACAGAGGAAGAACTAGATTTACGACTTATCCGGACCA
 AGGGTGGTGTGGATGCTGCCTTGGAGTATGCCAAGCATGGAGCCGCTATGCCAAGGAGCTACTGGCCTG
 GACAGACAAGAGAGCCAACTATGAGCTCGAGTTTGCAGAAGATATCATGAAGATCGCCGAGGCTGGCAAG
 GGTCCATTCTCCAGCAGAGCCAAATGCCACTCCAGTACATCTACACCTGTTTTCTGGAGCATGACCACA
 GCCTGGGTGCCCTGGCCATAGACACCGTGGCCAGCAGAAGAGAGACTACTACCAGCCCCTGGCGGCCAA
 AAGGATGGAATTGAGAAGTGGAGGAAGGAATTCAAGGAACAGTGGCTGAAGGAGCAGAAGCGCATGAGT
 GAGGCGGAGCAGGCACTCGCGCGCTCGCAGCTCCAGTACATTCAACGCAGAGAGGACCTGAGGGCAGCA
 CCCAGGGATCCCCTGAGGACCCTCCTCTCCAGGCATCTCCTGGATCCAACAAGCAACAGGAGCGCAGACG
 GCGCTCCCAGAGGAGGACAGGCCAAGGCACATGAGGCGGAGGCTCTGTACCAGGCCTGTGTCCGGGAA
 GCCAATACGCGCCAGCAGGATCTGGAGACCACCAAGCGGCGGATAGTGTGCGACGTACGCAAGCTGGTGT
 TGCAAGGAGATGAAGTGCTTAGGCGGGTGACGTTGGGCCCTGTTTGAAGTGGTGGAGCGCAAGCAGAGCG
 AGGACCCCGCTCCTTCTCTGCTCTGGCTGAGTGCTGTGTGCCCTTTGAACCTGGTCAGCGCTACCAGGAG
 TTTGTGCGGTCACTGCAACCTGGGGCCCCACCACCGCCATCTCCGCTTCTGCTTCCAGGAGTTCGCGC
 CTGTGTTACACAGTTTCCCTCAGGACACAAAAAGAAGTTTTCAGGGCCTCTACCTACAAGGCTGGAGGA
 GGGTCCCTCTGAGCCTGGCCCTTGGGAGGTTGCCAGCTTAGGCAGCCAGGGGATCCCAGGCAGTGTGTG
 GACAGCGTAGGTGGTGGCAGTGAGTCCCGTCTTGGATTCTCCCACTTCCAGCCAGGTGCTGGCGCCC
 GCCGGCTGGTAAAGCGTCATCCACGGGCACGAGTCTCAGATGACTTTGAGGAGCGGGACCCTGATCT
 GGGGGATGGGATGGAGAATGGAACAGGCAGCCCTTCAGGAAGTGGACTGTCTACAGCCGCTCAAACC
 CACCGGCTACGGCGACTGCGGGGCCAGCCAAGTGCAGAGAATGTGAAGCCTTCATGGTCAGCGGGACAG
 AGTGTGAAGAGTGCTTTTGAACCTGTACAAGCGCTGCCTGGAGACCCTCCTATCCTTTGTGGACACCA
 GCGGCTTCCAGCCGGATGCCTCTCTTGGGTTGACTTCTACAGCTCCCAGAGATTTCCCTGAGGAG
 GTGCCCTTTGTGTTACCAGATGCACAGCTGAGATAGAGCACCGTGCCCTGGGCTTGAGGGCATCTATC
 GGGTCAGTGGGTCTCGGGTACGTGTGGAGCGCCTATGCCAGGCCTTTGAGAATGGCCGAGCACTGGTAGA
 GCTGTACAGGAACTCTCCTCACGATATCACAGTGTCTCAAGCGATTTCTTACAGGAGCTCACTGATCCC
 GTGGTCCCCTTCCACTTCTACGACGCTTCATCTCTCTGGCAAAGACCCTGCATGCAGACCCTGGGGACG
 ACCCTGGGACCCCGAGCCCGAGCCCTGAGATTATCCGCTCGCTGAAGACCCTCTTGGTGCAGCTGCCTGA
 CTCTAACTACAGCACCTGCGGCACCTGGTGGCCATCTGTTCAAGGTGGCCGCTCGGTTTAAAGAAAAC
 AAGATGTCTGCCAACAATTGGGATTGTATTTGGGCCTACATTGCTGCGGCCACCAGACGAGCAGGGG
 CCACCAAGTGCCAGCCCTGTGGCCTGTCTACTGGACTCTGGTCACCAGGCTCAGCTTGTGAGTTCCTCAT
 TGTGCACTATGAGCAGATCTTCGGGATGGATGAGCTCCCTCTGACCTCTGAGCCCTGACTCAAGACCCT
 GCCTTGGCTCCTGCACTCCTCGAATCCAGTCCCCAGCACCCAGCCTTACTCGTTGCCAAGACTCACAGC
 CCCTGACCATAGCCTCAGATTCCAGCCAGACCCAAACAACACAGTGCCTTGGAGAAGTGTCCCAAGGT
 CGCGCCTCCTGAGCTTACGGCTCTGCAGAGTAACCGAAAGGAGGAGGAGGAAGACACCAAGAGATGGG
 GCGGGGGATGGGTCCAGCCACTCCCCGAGGACTTGTCTGGTAGCACAATCCCGGGGCCACTTCAGCC
 GCCAGCCAGTGAAGTATCCCGGGGAGGTGTGCGACCACTTACTCATCAGCTCTCCAGCCTGGCTCTGGT
 GGCCTCCAAGCTGTGTGAGGAGACTCTATCACTGTCTCAGCAGTGCACCGAGGTAGTTTGGGGCACGA
 GGCTGGGCCCTGCTGTGCTCCCTGAAGGCGGCACCCTGCGCCGAACCTCTGCCCAAGCACTTTG
 AGATCACCCAGGAGACAGCCCGCTACTCTCAAGCTGGACAGTGAAGGTGTGTCCAGAACCTCCTGTTG
 TGCTGACCCAGAGCCGGAGGAGTCTGAGGAGCACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107308
Insert Size:	2910 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:	<u>NM_001107308.1, NP_001100778.1</u>
RefSeq Size:	3909 bp
RefSeq ORF:	2910 bp
Locus ID:	306357
Cytogenetics:	16p14