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Product datasheet for RN217702

Gbf1 (NM_001191634) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gbf1 (NM_001191634) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gbf1
Synonyms:	RGD1307160
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217702 representing NM_001191634 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGTGGATAAGAATATTTACATCATTCAAGGAGAAATTAACATTGTTGTTGGTGCCATCAAACGAAATG CCCGATGGAGCACCCATATACCACTGGATGAAGAGCGGGATCCCCTTTTGCACAGTTTCAGCCATCTAAA GGAGGTCTTAAACAGTGGGACAGAACTCTCAGAGATTGAGCCAAATGTATTCCTTCGTCCATTTCTGGAA GTCATTCGCTCTGAAGACACCACTGGTCCTATCACCGGCCTGGCACTCACCTCTGTCAACAAGTTCCTGT CCTGTGCACTCATAGATCCAACTCATGAGGGCACGGCAGAGGGCATGGAGAACATGGCAGATGCTGTCAC TCATGCCCGTTTTGTGGGCACAGATCCTGCCAGTGATGAAGTTGTCCTGATGAAAATCCTTCAGGTTCTC CGGACTTTGTTGCTAACCCCAGTGGGTACCCACTTAACAAATGAATCTGTATGTGAGATTATGCAGTCTT GCTTCCGGATTTGCTTTGAAATGAGGCTCAGTGAGTTATTGAGAAAATCCGCAGAGCACACTCTCGTAGA CATGGTGCAGCTGCTCTTCACAAGGTTACCGCAGTTTAAAGAAGAACCCAAGAGTTACGTGGGAACCAAC TTGAAGAAGCTGAAAATGAGAGCAGGAGGCATGAGTGACTCATCCAAGTGGAAGAAACAGAAGCGATCCC CTCGACCTCCACGTCATACAACCAAAGTCATGCCAGGTTCAGAGCTGCCCACCCCAAATGGAGCCGCCTT ATCCTCTAACCTTACTGGTGGCATGCCCTTCATTGAGGCACCCACATCCATCTCCTCTGCAAGTTCAGAA GCTGCCTCCACAGTGGTCAGTCCCTGTACAGATAGTGGCCTGGAATTATCCTCCCAGGCTACCTCCAAGG AGGACCTCACCGACCTGGAGCAAGCTGGCTCCCCAAGGGAGATCACCACCACAGAGCCTGGGAGCACTGA GATAGGAGTTTCTGATCAGCTTGACCCTCAGGAAGGGGCCCATGTAGAAAAGGCCCAGTCAGCATCGGTG GAATCTATCCCTGAAGTGCTAGAGGAGTGCACATCCCCTACTGACCATTCTGACTCTGCCTCTGTCCATG ACATGGATTATGTCAATCCTCGGGGCGTGCGCTTTACCCAGTCCTCCCAGAAAGAAGGCACAGCTTTGGT TCCTTATGGTCTTCCTTGCATCCGTGAGCTCTTCCGCTTCCTTATCTCCCTCACAAATCCACATGACCGC CATAACTCTGAGGTTATGATCCACATGGGACTTCATTTGCTGACAGTAGCTCTTGAGTCAGCCCCTGTGG CCCAGTGCCAGACCCTCTTGGGTCTCATCAAGGATGAGATGTGCCGACACTTATTCCAGCTACTCAGCGT AGAGCGGCTGAACCTTTACGCTGCTTCCCTACGAGTGTGCTTTTTGCTCTTTGAGAGCATGCGGGAACAC

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ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001191634
Insert Size:	5586 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191634.1, NP_001178563.1
RefSeq Size:	6369 bp
RefSeq ORF:	5586 bp
Locus ID:	309451
Cytogenetics:	1q54