

## Product datasheet for **SC207464**

### GBF1 (NM\_004193) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones

**Symbol:** GBF1

**Synonyms:** ARFIGEF

**Mammalian Cell** Neomycin

**Selection:**

**Vector:** pMirTarget (PSI00062)

**ACCN:** NM\_004193

**Insert Size:** 590 bp

**Insert Sequence:** >SC207464 3'UTR clone of NM\_004193  
The sequence shown below is from the reference sequence of NM\_004193. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GATCCCATACCCACCTCTGAGGTCAACTAAGGCAGGTCACTCAGAGATCAGGACCAGTGCTTCCACCA
GGCTTTCCTTGACCCCACTTCTGGCTGTCTGCGGGCCACAAGCTCTTCAGGCCAAGTCAGAGCTGCTG
TTGCTGCCACTTGGATGGGGACCTGAAAAAGAGAATGTTGATAGCCCCAGCTAAGACCCCAATCAGCT
GTGGGACCTTTTTCTCCTCTGCGCTCCATTCTGGGGGTTGAGCCTGAGAGTGAAGTCAAGTGTCTATC
TGCAGCCTCTGCCTCCAGCCCGGCGAGCTCTGGGGAGGCATCCGTGTGCCGGCCCTGCAGTGCCTGCCCA
CGGTCAGGCATTGAAACTAAGCCCAACCACTCTGCACTTTGTTTCCCACTCCATTAGCCCTGGGCCA
CCTCTCCAGTCTTCTCTTTTACTAATTAGTTGGTCAGTTTGGAGAGTTGACTGGCACCATTGGAGGG
TAGGCAGGTGGGGCTGGGTGGGGGACTGCCACAGGAGCATGTACATATGGAAAAACAGAACACAGT
GGACTTTTTATGATATAATAAATGTCTTAGTACCAGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_004193.3</a></u>
<b>Summary:</b>	This gene encodes a member of the Sec7 domain family. The encoded protein is a guanine nucleotide exchange factor that regulates the recruitment of proteins to membranes by mediating GDP to GTP exchange. The encoded protein is localized to the Golgi apparatus and plays a role in vesicular trafficking by activating ADP ribosylation factor 1. The encoded protein has also been identified as an important host factor for viral replication. Multiple transcript variants have been observed for this gene. [provided by RefSeq, Dec 2010]
<b>Locus ID:</b>	8729
<b>MW:</b>	21.1