

## Product datasheet for **SC117537**

### GMF beta (GMFB) (NM\_004124) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GMF beta (GMFB) (NM_004124) Human Untagged Clone
Tag:	Tag Free
Symbol:	GMF beta
Synonyms:	GMF
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117537 sequence for NM_004124 edited (data generated by NextGen Sequencing)

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ATGAGTGAGTCTTTGGTTGTTTGTGATGTTGCCGAAGATTTAGTGAAAAGCTGAGAAAAG
TTTCGTTTTTCGCAAAGAAACGAACAACGCTGCTATTATAATGAAGATTGACAAGGATAAA
CGCCTGGTGGTACTGGATGAGGAGCTTGAGGGCATTTCACCAGATGAACTTAAAGATGAA
CTACCTGAACGACAACCTCGCTTCATTGTGTATAGTTATAAAATATCAACATGATGATGGA
AGAGTTTCATATCCTCTGTGCTTTATTTTCTCCAGTCCTGTTGGATGTAAGCCTGAACAA
CAGATGATGTATGCTGGAAGTAAGAATAAGCTAGTCCAGACAGCTGAACTAACCAAGGTA
TTTGAAATAAGAAATACCGAAGACCTAACTGAAGAATGGTTACGTGAGAACTTGGATTT
TTTCACTAA
```

Clone variation with respect to NM\_004124.2



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_004124 unedited</p> <pre> ATACGACTCATATAGCGGCCGCGACTTCGGCAGCAGGCCGGAAGGAAAAATGAGTGAGTC TTTGGTTGTTGTGATGTTGCCGAAGATTTAGTGGAAAAGCTGAGAAAAGTTTCGTTTTCG CAAAGAAACGAACAACGCTGCTATTATAATGAAGATTGACAAGGATAAACGCCTGGTGGT ACTGGATGAGGAGCTTGAGGGCATTTCACCAGATGAACTTAAAGATGAACTACCTGAACG ACAACCTCGCTTCATTGTGTATAGTTATAAATATCAACATGATGATGGAAGAGTTTCATA TCCTCTGTGCTTTATTTTCTCCAGTCCTGTTGGATGTAAGCCTGAACAACAGATGATGTA TGCTGGAAGTAAGAATAAGCTAGTCCAGACAGCTGAACTAACCAAGGTATTTGAAATAAG AAATACCGAAGACCTAACTGAAGAATGGTTACGTGAGAAACTTGGATTTTTTCACTAATG TGAACCTCTGTGTTTCTAAAGTATTTATGTATTAACCTGACCATACTGGAATCAGACATA AATACTTATTTATGCCTAAAAATGCACTGTTACTTACAGTTTGTTCCTGCAGTAAGAAA AATTCTTCATTTGTGCAAAAATTTGAACAAGAGGANATCATCTTCATAGTAATGAACTTT GNAAGTGNNTCCTTATATTGGTAATNGNNTANGTGGACTACTNNTTCTCAGGGACTTTT TGCCTCTGTGACTAATTCATNAATTTTATGGGTGCGGAANTTGTACTATTTACAGAC ACATTGNAAGTGATATATTTTAAATTGGAAGACACAGTGGCCTCCTTTCGAACTGTA ATTTAACGTTATTTGAAAAAGGTTTATACTGGCATCATGAATATTTGGGGCAGAACTG GGGACCCNTTGGACTGAAAAATATAGGGACGGTTAAGCCTTGAAACTGTTTTTGGGCC GGTTTTTAAAAACAAAACATTAAGCCCTTTA </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_004124 unedited</p> <pre> TGGAAACCTCCAGTTCAGNANAGCACTGGGCAGGGTCCACAGGGATGCCACCCGGGATC TGTTCCAGGAAACAGCTATGACCGCGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTT TTAATGTTAACATTTTATTTAAACCAGTACAAGCACCATGCTTAACAAAAGACTGTCCAA AATAAACATGCAATATGAACTAGCAGAGATTTTTTCCACAGCTTAAGGAGTTGTGTCAGT TGTTGGTTTTGTTAAACGATGACAGAGAAGTGTAAAAATTCACAAGACTAAACCATTAAT GTTTCAAGCCTCCTGAATGAGATTATCTTGGACCATCTAAATCAGTGGGAACTGCCTGG CATGTTAATGATCTCAAACAATATTCAAGTAATTATTTATATGAATTATAATCCAAAA AGCAATAAAAATACAATTTCTATCACAAGTACACTGTATATGAGCACTGATTTGAAATGTC AAATGGCATAATAAAAACAAATTTCTCAAGAATATTCAGCTTGGGAGCATTGGTTTTAAG CGGGCTAGAAGATTACTACATTTTTCCAGAATACAAAATAAGTATTGTCCAGAAAATGNT GAAACACATCCTCACAAAAGTTGTAATGGCTCAAACCTATAAAATTCAGTATTTATCAG TCCTTTTGAACAATTTGGGAAAGCAACCATTGTAAGAATACTTGAATTGATAGAATAGAG TTACTTTCTACTTCCACCAAATATCAACATTTAAACTCTTATGAACATTTCTATTTCTT CCTAATCCACATATGGATTAATGAACTTGCTCTAGGTTTTAAAGCAGCCCAAACTTTTT TAAGTACCCCTTCTAATTTTTTTTTGGCGTTGGCGGAACACCCAATTTAATTGGGAAAAA CCAC </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_004124
<b>Insert Size:</b>	4130 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_004124.2](#), [NP\\_004115.1](#)

**RefSeq Size:** 4125 bp

**RefSeq ORF:** 429 bp

**Locus ID:** 2764

**UniProt ID:** [P60983](#)

**Cytogenetics:** 14q22.2

**Domains:** ADF

**Gene Summary:** This protein causes differentiation of brain cells, stimulation of neural regeneration, and inhibition of proliferation of tumor cells.[UniProtKB/Swiss-Prot Function]