

## Product datasheet for SC304514

### FAM83E (NM\_017708) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM83E (NM_017708) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM83E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304514 representing NM_017708. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCTCCAGCTGGCGGCTGGAAGGAGTGGACTCCGGTCCCAGGGTGCCCGGGCCAGCCCC
GGCTTTCTATATCCGAGGGCCAGCGGCTGGCACTGGAGGCTCTGTTGAGCAAGGGCGGGAGGCGTTT
CAGACCTGCGTGCAGCGCGAGGAGCTGTGGCCCTCCTCAGTCCGGATGAGGTTCAAGGCTTGGCAGCG
GCAGCTGAAGACTGGACAGTGGCCAAGCAGGAGCCAGCGGATGGCAGAGGGAGCCACCACCAGGAT
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ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_017708
<b>Insert Size:</b>	1437 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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_017708.3</a>
<b>RefSeq Size:</b>	2011 bp
<b>RefSeq ORF:</b>	1437 bp
<b>Locus ID:</b>	54854
<b>UniProt ID:</b>	<a href="#">Q2M2I3</a>
<b>Cytogenetics:</b>	19q13.33
<b>MW:</b>	51.8 kDa
<b>Gene Summary:</b>	May play a role in MAPK signaling.[UniProtKB/Swiss-Prot Function]