

Product datasheet for **SC122414**

FAM83A (BC007828) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM83A (BC007828) Human Untagged Clone
Tag: Tag Free
Symbol: FAM83A
Synonyms: MGC14128
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for BC007828 edited

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ATTGCTCAGGACAGCGGTAAATCACTTCTTGGAGGTGCCCTGCACGCCGGTCTGGGAGC
AGGCGGCCTCCCGGGGTGCGGGAGCCCCACTCCTCCGTGGTGTTCATTTGCTTCCC
ACATCTGGAGGAGCTGACGTGCCAGCCTCCCCAGCACCACCCAGGGACGGGAGGCATGA
GCCGGTCAAGGCACCTGGGCAAAATCCGGAAGCGTCTGGAAGATGTCAAGAGCCAGTGGG
TCCGGCCAGCCAGGGCTGACTTTAGTGACAACGAGAGTGCCCGGCTGGCCACGGACGCC
TCTTGGATGGGGTTCTGAAGCCTACTGGCGGTGCTCAGCCAGGAAGGCGAGGTGGACT
TCTTGTCTCGTGGAGGCCAGTACATCCAGGCCAGGCCAGGGAGCCCCCGTGTCCCC
CAGACACCCTGGGAGGGCGGAAGCAGGCCCTAAGGGACTGGACTCCAGCTCCCTACAGT
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CCTCAGCTGAGAAGCCCTACCTGAAGGAAAAATCCAGCGCCACTGTGTACTTCCAGACCG
TCAAGCACAACAACATCAGAGACCTCGTCCGCCGTGCATCACCCGGACTAGCCAGAACA
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GCCAAATCCGGGAGAAGTTCATCATCTCGGACTGGAGATTTGTCCTGTCTGGATCTTACA
GCTTACCTGGCTCTGCGGACACGTGCACCGGAACATCCTCTCCAAGTTCACAGGCCAGG
CGGTGGAGCTGTTTGACGAGGAGTTCGCCACCTCTACGCCTCCTCAAGCCTGTGATGG
GCCTGAAGTCCCCGCGGTGGTCGCCCGTCCCGCCGGAGCAGCCCCGGCAATGGCC
GCCTTAGCAGCAGCAGTGGCTCCGCCAGTGACCGCACGTCTCCAACCCCTTCAGCGGCC
GCTCGGCAGGCAGCCACCCCGGTACCCGAAGTACCGGCTGAGATGAGGTTAGAATGACTG
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AAGCTTGCAGGTCACAGAAGCTCCCAAGCCAGCTTTCCAAAGGCCCTCAGCCTGTGCCT
GTGTGAGCTCAGTCTGGGAGATAGGGGAGAACCTGCAGGCAGGAACAAGCCCCCTAC
TCCTGACCACCCTCCATCAGCAGTCTCCCCTCCGTGGTCTTTGTTGACAAAGGTGCA
GTTTCTCCTCTCCTGGGCACCTGTAACATGTGATGCGCTGCTGGGAGGTTAGGTGC
GGGCTGCCCGGCGAGTGGAGCATGAGCAGAACC GCCAGGGTCACTTCTGGGCAGAAGC
TTTGAGAGCCTGGGTCCAGGTTGCCACATAGAAGCAGCTCTCCAGTTGAAACCCTCCTCT
GCCAGCCTGGGGTCTAAGCGATGAGCAGAATCCCCCACTCCACCCACCAACCCACAA
TGGATATGTAGTGAGCAAGAAATAAACCTTTGTTTAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC007828 unedited NNAATGTCAAATTTTGTATACGACTCACTATAGGCGGCACGCGATTTCGGCACGAGGATTG CTCAGGACAGCGGTAAATCACTTCTTGGAGGTGCCCTGCACGCCGGTCTGGGAGCAGGC GGCCTCCCGGGGTGCGGGAGCCCCACTCCTCCGTGGTGTGTTCCATTTGCTTCCACAT CTGGAGGAGCTGACGTGCCAGCCTCCCCAGCACCACCCATGGACGGGAGGCATGAGCCG GTCAAGGCACCTGGGCAAAATCCGGAAGCGTCTGGAAGATGTCAAGAGCCAGTGGGTCCG GCCAGCCAGGGCTGACTTTAGTGACAACGAGAGTGCCCCGGCTGGCCACGGACGCCCTTT GGATGGGGTTCTGAAGCCTACTGGCGGGTCTCAGCCAGGAAGGCGAGGTGGACTTCTT GTCCTCGGTGGAGGCCAGTACATCCAGGCCAGGCCAGGGAGCCCCGTGCCCCAGA CACCTGNGAGGGGCGGAAGCAGGCCCTAAGGGACTGGACTCCAGCTCCCTACAGTCCGG CACCTACTTCCCTGTGGCCTCAGAGGGCAGCGAGCCGGCCCTACTGCACAGCTGGGCCTC AGTGAGAAGCCCTACCTGAAAGAAAAATCCAGCGCCACTGTGTACTTCCAGACCGTCAA GCACAACAACATCAGAGACCTCGTCCGCCGCTGCATCACCCGGACTAGCCAGAACATTTT CATCCGGAGTGTGAAGGAGAGATATACTGTCCAAGTCAGGCAGGANATTCAGTGCCA AATCCGGGAGAAGTTCATCATCTCGGACTGGAGATTTGCTCTGTCTGGATCTTACAGCTT CACCTGGCTCTGGGACACGTGCACCCGGACATCCCTCTCAAGTTT
Restriction Sites:	Please inquire
ACCN:	BC007828
Insert Size:	1628 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:	<ol style="list-style-type: none"> 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:	BC007828.2 , AAH07828.1
RefSeq Size:	1619 bp
Locus ID:	84985
Cytogenetics:	8q24.13
Gene Summary:	Probable proto-oncogene that functions in the epidermal growth factor receptor/EGFR signaling pathway. Activates both RAS/MAPK and PI3K/AKT/TOR signaling cascades downstream of EGFR. Required for the RAS/MAPK signaling cascade activation upon EGFR stimulation, it also activates both signaling cascades independently of EGFR activation. [UniProtKB/Swiss-Prot Function]