

Product datasheet for **SC329957**

FAM59A (GAREM1) (NM_001242409) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM59A (GAREM1) (NM_001242409) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM59A
Synonyms:	C18orf11; FAM59A; GAREM; Gm944
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC329957 representing NM_001242409.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGACCCGGCGCCCTCGCTGGGCTGCAGCCTCAAGGATGTGAAGTGGAGCTCGGTGGCCGTGCCGCTC
 GACCTCCTGGTCAGCACTTACCGCTGCCCCAGATCGCGCGCTGGACAACGGAGAGTGGTGAAGGG
 CTGCGGGAAAAATGACTATCTGCTGATTCATTCTGCCGCCAGTGGACCACCATCACTGCCACAGCTTG
 GAGGAGGGTCACTATGTCAATTGGGCCAAAGATAGAGATTCCGGTACATTATGCAGGGCAATTCAAGCTG
 CTGGAACAAGACCGAGATATAAAGGAGCCAGTGCAATATTTCAACAGTGTGGAGGAGGTGGCTAAGGCA
 TTTCTGAACGCGTGTACGTATGGAGGATATCATTCAACGTGAAGGTTGCTTCAGGTGAATGAAT
 GAAGACACTGAAGTTTACAACATCACCTGTGTACTGGGGATGAACACTCTAATGGGGCAGGCAGAA
 ATCCTTTATGCAAGACATTCAAGGAAAAGTCAGCACTCAACACAATCTTCAAAAAGATTGGGAAGCTC
 AATTCCATCAGCAAGCTGGGAAAAGGCAAAATGCCGTGCCTCATTTGTATGAATCACCAGGACCAACGAA
 AGCATTAGCCTTCCATTCCAGTGAAGGGCAGATTTAGCACCCGAAGTCCCTGGAACCTCAGATGCAA
 GAGGGCGAACACACCATCCGCAACATTGTGGAGAAAACAGGCTTCTGTGAATGTGACTGTGCCAAGC
 CCTCCACCGAGAAACCCATACGACCTCCACTTCATCCGTGAGGGGCACCGCTATAAGTTTGTGAACATC
 CAGACCAAGACGGTGGTGGTTTGTGTGTGTGCTGCGGAACAACAAGATCCTCCCCATGCACCTTCTTTG
 CACTTGACTGTCCCCAAGTTCAGCCTCCAGAACACCTGGTGAAGGGAGAGAGCTGGCCCCGAAACCTG
 GTCCATCACTGGCTAGGTATCTGCCAAGAACAGTTCGACATCGATGAGTATTACGGGGCTGTCCGTGAT
 GTGAAAACCGACTGGAATGAAGAATGCAAGAGCCCCAAGAAGGGTCGGTGCTCTGCCCCAACACCGTG
 CCCAATTGCTCAGCTACGCCCGCGATGAGCTCACCCAGTCTTCCACCGACTCTCGGTCTGTGTAT
 GGCAACAATCTCCATGGCAACAGTGAGGTGAACCTTATGGTTGACGGGACCTGGGGGAGATTGGGCT
 CCCTTTCTCATGACATCTGCCCTATCAGGACTCTGGAGATAGTGGGAGCGACTACCTTTTCCAGAA
 GCTAGTGAAGAATCAGCAGGCATCCCGGAAAGTCAGAACTTCCCTACGAAGAGCTGTGGCTGGAGGAA
 GGCAAGCCGAGCCATCAGCCTCTCACTCGCTCTCTGAGCGAGAAGAAGACAGATGTGATCAGTTTAGAGGT
 TCTGTCCGATCCAAATGTGCGACTTCTCTCTTCCCATCCCTGGGACTCTGGGAGCAGCAGTGAAGTCT
 TCAGATACTGCCCTACCTCCACCTCCAGTGCCTCCCAATCTGAAGCCGTGAGAGAAGAATGCCGGCTC
 CTGAACGCCCCACCTGTTCCACCCCGAAGCGCAAGCCTTTGTCCACCGTCCCTCCATCCCTCCTCGC
 ACAGTCAAGCCAGCGCGGCAACAGACTCGCTCTCCAGCCCCACCTTGTCTACTATTCTTCAGGGCTA
 CACAACATCAGCGTCACTAAACTGACACAAATCCTTCTGAAAGCACTCTGTTTCTGCTATCCATGT
 AACCGAGTGAAAATGATTCTGTGGACCTGAAATCCCCGTTTGAAGTCTTCTGCTGAAGCTGTGTCC
 TCTCGGCTCTCATGGCCTAACCATATTTCAGGAGCATCAGAAAGCCAGACCAGGAGTGACTTCTGTCTG
 GATCCAAGCAGGAGTTATAGTTACCCTAGACAAAAGACGCCAGGCACACCAAAGAGAAATGCCAGCA
 CCTTTTGATTTTGATGGCTGTGAGCTCCTGGCCAGCCCCACTAGCCAGTCACTGCAGAATTCAGTAGC
 AGCGTCTCTGGTTGTCCCAAGTCAGCCAGCTACTCTTGAGAGCACAGATGTGAAATCTTTCAGCT
 GGTGTGACAAAGCAGAGTACGTATGCCCTGCCTTACCCCCAGGGCTCCAAAATAGTGAAGAGAAG
 GTCGCTCCGAAACATCTCCTTTCCTCTGAAAATTGATGGTGTGAGGAAGACCCCAAGTCTGGGTCA
 CCAGATCTCTCGGAGGACCAGTATTTTGTAAAAAGGGCATGCAGGACATCTTCTGCTCCTACCT
 TTCTCATCTCCGCTCCATCTCCAGCTGGCCCCAGATCCTGTGGCGACGGTTCCCATGGCAGCCACCT
 GCTGACCTATCAGGACTCTCTATAGAGGAAGTCCAAGTCACTACGGTTCATTGGTTTGTCCGAAGAT
 GTCATATCATTCTTTGTTACTGAAAAGATTGATGGGAACCTGCTTGTTCAGCTAACGGAAGAAATCCTC
 TCAGAGGATTTCAAATTGAGCAAATTGCAGGTGAAGAAGATAATGCAATTCATTAAATGGCTGGAGGCC
 AAAATATAG

Restriction Sites: SgfI-RsrII
ACCN: NM_001242409
Insert Size: 2631 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:	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:	<u>NM_001242409.1</u>
RefSeq Size:	7051 bp
RefSeq ORF:	2631 bp
Locus ID:	64762
UniProt ID:	<u>Q9H706</u>
Cytogenetics:	18q12.1
MW:	97.2 kDa
Gene Summary:	This gene encodes an adaptor protein which functions in the epidermal growth factor (EGF) receptor-mediated signaling pathway. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.