

Product datasheet for **SC324025**

FAM161B (NM_152445) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM161B (NM_152445) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM161B
Synonyms:	C14orf44; c14_5547
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_152445.1
 CGCTGCCACCGCTGCTGCCACTATCGCTGTCACTGTGCTGCTGCCTCTGTCCAGCTGAA
 ATGACCGTGGGGAGGCTGAGGGAGCCCCGGAGGCGCGAGGGGAGCCGTGAGATATTT
 CCCCCGAGTCTTCGCAGACACAGAGGAGGAGGAGCTGTCCGGGATGGGCTGGTT
 TTGCCAGGGCCAGCAAACTTGACGAGTTCTCAGCCCAGAGGAGGAGATAGATTCTACT
 TCTGACTCAACTGGGAGCATTTACCAGAACTTACAGGAACTGAAGCAGAAAGGGAGATGG
 TGTCTGTTGGAGTCTCTCTTTTCACTGTGACCCAGAGAGTGATGAAAACCTCTCTGAAGAT
 GAGGAGGACCTGGAGAGTTTCTTCCAAGACAAGGACAGGGGGATGGTGAGGTCCAGTGC
 CCGCAGGCTCTGAGGTGTGGCTCCACAAGGCGCTGCAGTCCCTGAACAACCTTCCCTCC
 AACATTCCAGGCCTCAGACCCAGCCACCCTCAGGCTCCCGGCTCCCTCCAGCACAGA
 AGCGTCAGCTCTGGGCATCATCCATTACTGTCCCTCGGCCATTCCGCATGACGTGCGC
 GAGGCCCGGAAGAAGGCCGAGTGGCTGGGCTCACCTGCCTCTTTGAGCAGGAGAGGCAG
 CGGGCCAGAGGAGGAGTGGGAAGAGGCCGAGTGCCACAGGCAGTTCGGGCACAGCCT
 GTGCTGCACATGTCTACCTGCCCTCTACCAAGAGATCATGGAGCGCAGCGAGGCCCGA
 AGGCAGGCAGGGATCCAGAAGAGGAAGGAACTGCTCCTCTCTTTTGAAGCCCTTCAGC
 TTCTTGAGAGAAGGAGGAGCAGCTAAAGGAAGCTGCTCGACAGAGAGACTTGGCAGCCACA
 GCTGAAGCCAAGATCTCCAAGCAGAAGGCCACCAGAAGGATTCCCAAGTCCATTCTGGAG
 CCAGCCCTTGGGGATAAACTCCAGGAAGCTGAGCTCTTCAGGAAAATTCGCATCCAAATG
 AGAGCCCTGGACATGCTCCAGATGGCCTCTTCCCTATCGCCTCCTCTAGTAACCGGGCT
 AACCCACAGCCCCGCACAGCCACCCGAACCCAGCAGGAAAAGCTTGGGTTTCTGCACACT
 AACTTCAGATTCCAGCCTCGGGTGAATCCTGTGGTCCCTGACTATGAGGGCCTTTACAAG
 GCCTTCCAGAGAAGAGCAGCCAAAAGAAGAGAAACCCAGAGGCCACTCGCAACAAGCCC
 TTCTTGCTGAGGACCGCAACCTGCGCCACCCTCAGCGGCCCTGTGATGCTGCCACCACC
 GGAAGGAGGCAGGATTCCCCACAGCCACCAGCTACACCCCTGCCAAGGAGTCGTTCTCTG
 AGCGGCCTTGCTTCCCTCTCTGCCAACACTCTCCTGTGCACATCACAGATGCCACCAGG
 AAGAGGGAATCTGCAGTCAGAACTGCACTTGAAAAAAGAACAAGCAGATGAGAGTATT
 CAGTGGCTGGAGATACAAAAAGAAGTCTCAAGCAATGTCCAAATCTGTGACCTTGCCT
 GCAAAAGCCATGGATCCCCATAAAAGCCTGGAGGAAGTGTCAAAGCAAAGCTGAAAGAG
 AACCGGAACAATGACCGTAAAAGAGCGAAAGAATATAAGAAAGAACTGGAGGAAATGAAG
 CAGCGAATACAAACAAGGCCCTATCTTTGAACAAGTTGCCAAGGATCTAGCCAAGAAA
 GAAGCAGAACAGTGGTATCTAGACACCCTGAAGCAGGCTGGGCTGGAGGAAGACTTTGTG
 AGAAACAAGGGTCAAGGCACCCGGGCTGTTCAAGAGAAAGAGACCAAAATCAAGGATTTT
 CCCAGGTTCCAAGAACTACAAACTCAGCATCAGAGATCCAGAGCAGGGTTTAGAAGGA
 TCTCTAGAACAGCCTGCAAGCCCCAGGAAAGTACTGGAGGAGCTGTCTCATCAGTCACCA
 GAAAATCTCGTATCACTTGCTTAATCACTACACTTAAATTAAGTCTTTTGAATAATATT
 AAGCAGCTAAGTGGGTTTGAAGTCAAGGCAGGGAAGAACTGGGTTTGAAGTATGGCTAC
 TGTTAGAGGATGGACAAATGAAGAGTAGCAGATTAACAGGCCAGGCGCAGTGGCTCACGC
 CTGTAATCCCAACACTTTGGGAGGCTGAGGCAGGCAGATCATCTGAGGTGAGGAGTTTGA
 GACCAGTCCAGCCAACACGGCAAACTCCACCTCTACTAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_152445

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).

OTI Annotation: 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.

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_152445.1, NP_689658.1</u>
RefSeq Size:	2304 bp
RefSeq ORF:	1944 bp
Locus ID:	145483
UniProt ID:	<u>Q96MY7</u>
Cytogenetics:	14q24.3