

Product datasheet for SC209961

FAM35A (NM_019054) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FAM35A (NM_019054) Human 3' UTR Clone
Symbol:	FAM35A
Synonyms:	bA163M19.1; FAM35A; FAM35A1; RINN2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_019054
Insert Size:	812 bp
Insert Sequence:	>SC209961 3'UTR clone of NM_019054 The sequence shown below is from the reference sequence of NM_019054. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GTAAAGCATGGAGCCAATGCCGCTCTTGAGGCCAGAGGAAGAAATTGCAGGCATTTCAAGGAAGAAGT
ACTGAAATGATTTGTCTTTGAAATAAATGAATGACAGGGCTTTGCTTTGGATTTTTATGAAATATA
TTTTACAAAGAGAATTGCACTAGATATATAAATAAAACTTTTTCTAAGAAAATCCTGTGAGGTTTAA
AAAGATTGTTTTGTCTTTGGTTTCTTACTTTCTCCTGGAGAAATGATCTACCAGTCAAGGCAATATG
TAGCAGATCCCTGGGAATTAAAGGTTTGCCATTGTTCAGTGTATTTAGTCCCTGCTACATTCCAGGC
ATTGTACTAAGTATGGGGAACCACAGAGAAGACATTCCCTCAGAACTGCTGCAGTGCTTTCGCTTATC
CCTACCTAAAAAACCGTCAATGTGAAATCATTTCTTGATTATAACTATAATGATAATGGATTAGTTTA
TATAAACCTATGTTTAGACAAGTTCAAGACAAGCGTGTCTTTCTATAAAAAGTATTGAAAATGAAGGAA
ATGAGATCATGTTTCAATTTATTAAGCAGGGAAGAGCGTTCTGTGCTTAGTTCGTGCTAGGATTTGA
GTGCCTTACTGAATGCATTTACCAGCAACATGTAGCAATCTGTTCTCTCATTGTGATTGTGGAAGAAG
CTCATGTAAAAATGATAGTCATTAATGAGGAAGTATGGCGTGGTACTTATTCTGTAAAGTTCAGAGTATGC
TGAGTGTTAATAGATTATCATATTGCCTGAAAAATAAATTCATGATGACATGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_019054.3</u>
Summary:	Component of the shieldin complex, which plays an important role in repair of DNA double-stranded breaks (DSBs) (PubMed:29656893, PubMed:29789392). During G1 and S phase of the cell cycle, the complex functions downstream of TP53BP1 to promote non-homologous end joining (NHEJ) and suppress DNA end resection (PubMed:29656893, PubMed:29789392). Mediates various NHEJ-dependent processes including immunoglobulin class-switch recombination, and fusion of unprotected telomeres (PubMed:29656893).[UniProtKB/Swiss-Prot Function]
Locus ID:	54537
MW:	31.5