

Product datasheet for **SC330170**

FA20A (FAM20A) (NM_001243746) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FA20A (FAM20A) (NM_001243746) Human Untagged Clone
Tag: Tag Free
Symbol: FA20A
Synonyms: A11G; AIGFS; FP2747
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330170 representing NM_001243746.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTACAGAGAGCAGATGAACCTTACCTCCCTGGACCCCCACTGCAGCTCCGACTCGAGGCCAGCTGG
GTCCAGTTCACCTGGGTATTAACCGCCATGGGCTCTACTCCCGTCCAGCCCTGTTGTAGCAAACTT
CTGCAAGACATGAGGCACTTTCCACCATCAGTGCTGATTACAGTCAAGATGAGAAAGCCTTGCTGGGG
GCATGTGACTGCACCCAGATTGTGAAACCCAGTGGGGTCCACCTCAAGCTGGTGTGAGGTTCTCGGAT
TTCGGGAAGGCCATGTTCAAACCCATGAGACAGCAGCGAGATGAGGAGACACCACTGGACTTCTTCTAC
TTCATTGACTTTCAGAGACACAATGCTGAGATCGCAGCTTTCATCTGGACAGGATTCTGGACTTCCGA
CGGGTGCCGCAACAGTGGGGAGGATAGTAAATGTACCAAGGAAATCCTAGAGGTACCAAGAATGAA
ATCCTGCAGAGTGTCTTCTTGTCTCTCCAGCGAGCAACGTGTGCTTCTTCGCCAAGTGTCCATACATG
TGCAAGACGGAGTATGCTGTCTGTGGCAACCCACACCTGCTGGAGGGTCCCTCTCTGCCTTCTGCCG
TCCCTCAACCTGGCCCCAGGCTGTCTGTGCCAACCCCTGGATCCGCTCCTACACACTGGCAGGAAAA
GAGGAGTGGGAGGTCAATCCCTTTACTGTGACACAGTGAAACAGATCTACCCGTACAACAACAGCCAG
CGGCTCCTCAATGTCATCGACATGGCCATCTTCGACTTCTTGATAGGGAATATGGACCGGCACCATAT
GAGATGTTACCAAGTTCGGGGATGATGGGTTCCTTATTCACCTTGACAACGCCAGAGGGTTCGGACGA
CACTCCCATGATGAAATCTCCATCCTCTCGCCTCTCTCCAGTGCTGCATGATAAAAAAGAAAACACTT
TTGCACCTGCAGCTGCTGGCCCAAGCTGACTACAGACTCAGCGATGTGATGCGAGAATCACTGCTGGAA
GACCAGCTCAGCCCTGTCTCACTGAACCCACCTCCTTGCCCTGGATCGAAGGCTCCAAACCATCTA
AGGACAGTGGAGGGGTGCATAGTGGCCCATGGACAGCAGAGTGTGATAGTCGACGCCCACTGGAACAG
TTGGCCCCAGACTCTGGCCAGGCTAACTTGACAAGCTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001243746
Insert Size: 1212 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).



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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:	<u>NM_001243746.1</u>
RefSeq Size:	4511 bp
RefSeq ORF:	1212 bp
Locus ID:	54757
UniProt ID:	<u>Q96MK3</u>
Cytogenetics:	17q24.2
Protein Families:	Secreted Protein, Transmembrane
MW:	46 kDa
Gene Summary:	<p>This locus encodes a protein that is likely secreted and may function in hematopoiesis. A mutation at this locus has been associated with amelogenesis imperfecta and gingival hyperplasia syndrome. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (3) contains an alternate exon at its 5' end and uses a downstream start codon, compared to variant 1. The encoded protein (isoform b) has a shorter N-terminus compared to isoform a. 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.</p>