

Product datasheet for **SC328302**

FAM3A (NM_001171133) Human Untagged Clone

Product data:

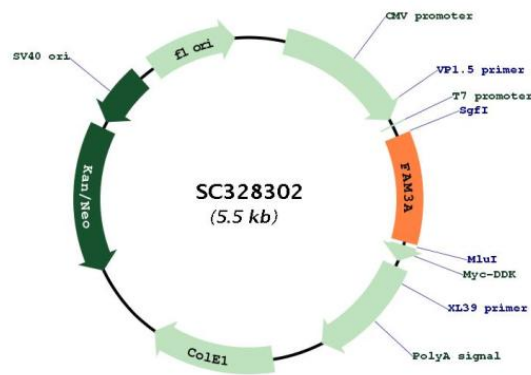
Product Type:	Expression Plasmids
Product Name:	FAM3A (NM_001171133) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM3A
Synonyms:	2.19; DLD; DXS560S; XAP-7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328302 representing NM_001171133. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGTTGGCAGGTCCAGAGAGCTCGGTGACTGCAGCGCCACGGGCCAGGAAGTACAAGTGTGGCCTG
CCCCAGCCGTGTCTGAGGAGCACCTGGCCTTCCGCGTGGTCAGCGGGGCCCAACGTCATTGGGCC
AAGATCTGCCTCGAGGACAAGATGCTGATGAGCAGCGTCAAGGACAACGTGGGCCGCGGGCTGAACATC
GCCCTGGTGAACGGGTGAGCGGCGAGCTCATCGAGGCCCGGCCTTTGACATGTGGCCGGAGATGTC
AACGACCTGTTGAAGTTTATTCGGCCACTGCACGAAGGCACCCTGGTGTTCGTGGCATCCTACGACGAC
CCAGCCACCAAGATGAATGAAGAGACCAGAAAGCTCTTCAGTGAGCTGGGCAGCAGGAACGCCAAGGAG
CTGGCCTTCCGGGACAGCTGGGTGTTGTGGGGCCAAGGGTGTGCAGAAACAAGACCCCTTTGAGCAG
CACGTGAAGAACAGTAAGCACAGCAACAAGTACGAAGGCTGGCCCGAGGGCTGGAGATGGAAGGCTGT
ATCCCGCGGAGAAGCACGGCCAGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001171133

Insert Size: 579 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).

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:	NM_001171133.2
RefSeq Size:	1610 bp
RefSeq ORF:	579 bp
Locus ID:	60343
UniProt ID:	P98173
Cytogenetics:	Xq28
Protein Families:	Secreted Protein, Transmembrane
MW:	21.2 kDa
Gene Summary:	<p>This gene encodes a cytokine-like protein. The expression of this gene may be regulated by peroxisome proliferator-activated receptor gamma, and the encoded protein may be involved in the regulation of glucose and lipid metabolism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and lacks an in-frame exon in the coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>