

Product datasheet for **RG236889**

FAM3A (NM_001282311) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM3A (NM_001282311) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAM3A
Synonyms:	2.19; DLD; DXS560S; XAP-7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236889 representing NM_001282311. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGATCGTGGTCAGCATCCTCCTGGGTGGCCTGGCAGTGGCTTTCCTCGCATCCAGCAACTCTTCAC
CAGCTGGAGTGCAGTGGTGAATCTCGTTCACTGCAACCTCTACCTCCTGGTTCAAGCGATTCTAGT
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CTGGAGATGGAAGGCTGTATCCCGCGGAGAAGCACGGCCAGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236889
 Blue=ORF Red=Cloning site Green=Tag(s)

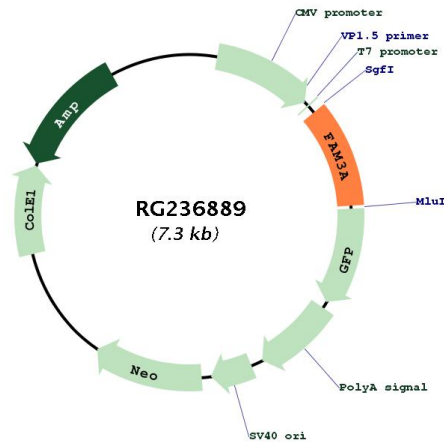
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 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001282311

ORF Size:	732 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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).
RefSeq:	NM_001282311.2
RefSeq Size:	1919 bp
RefSeq ORF:	735 bp
Locus ID:	60343
UniProt ID:	P98173
Cytogenetics:	Xq28
Protein Families:	Secreted Protein, Transmembrane
MW:	27.2 kDa
Gene Summary:	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]