

Product datasheet for RG218912

FAM3C (NM_001040020) Human Tagged ORF Clone

Product data:

ACCN:

ORF Size:

Product Type:	Expression Plasmids
Product Name:	FAM3C (NM_001040020) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAM3C
Synonyms:	GS3786; ILEI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling:
	Sgfi ORF Miul

EcoR I

Nhe I Rsr II

Hind III

NM_001040020

681 bp

CGATCGC

Mlu I
 Hind III
 Nhe I
 Rsr II
 Miu I
 Not I
 Xho I
 GFP Tag

 CAAGCTTAACTAGCGACGGACGGACG
 ACG CGT ACG CGG CGC CGC GAG ATG GAG AGG GAC
 T
 R
 T
 R
 P
 L
 E
 M
 E
 S
 D

Pme I -- GAA GAA AGA GTT TAA ACGGCCGGCCGCGGAGCT - E E R V Stop

BamH I Kpn I

Fse I

RBS

ACG CGT

Kozac Sgf I

Asc I

GFP Tag

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

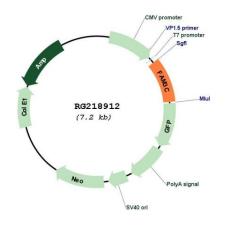


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Service PAM3C (NM_001040020) Human Tagged ORF Clone – RG218912	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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. <u>More info</u>
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).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM 001040020.1, NP 001035109.1</u>
RefSeq Size:	2512 bp
RefSeq ORF:	684 bp
Locus ID:	10447
UniProt ID:	<u>Q92520</u>
Cytogenetics:	7q31.31
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	This gene is a member of the family with sequence similarity 3 (FAM3) family and encodes a secreted protein with a GG domain. A change in expression of this protein has been noted in pancreatic cancer-derived cells. [provided by RefSeq, Mar 2010]

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Product images:



Circular map for RG218912

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