

Product datasheet for **RC227938**

FAM25G (NM_001137549) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM25G (NM_001137549) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FAM25G
Synonyms: bA301J7.4; FAM25A; FAM25B; FAM25C
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC227938 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGGAGGCCTGGGAAGCTGGCTGCCGAGGGCCTGGCCACCGCACCGAGAAGCCACCGAGGGAG
CCATTCATGCCGTGGAGGAAGTGGTGAAGGAGGTGGTGGGACATGCCAAGGAGACTGGAGAGAAAGCCAT
TGCTGAAGCCATAAAGAAAGCCAGGAGTCAGGGGACAAAAGATGAAGGAAATCACCGAGACAGTGACC
AACACAGTCACAAATGCCATCACCCATGCAGCAGAAAGTCTGGACAAACTGGACAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227938 protein sequence
Red=Cloning site Green=Tags(s)
MLGGLGKLAEEGLAHRTEKATEGAIHAVEEVVKEVVGHAKETGEKAI AEA I KKAQESGDKMKEITETVT
NTVTNAITHAAESLDKLGQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8101_f08.zip

Restriction Sites: Sgfl-Mlul



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Cloning Scheme:


ACCN: NM_001137549

ORF Size: 267 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).

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_001137549.1](#), [NP_001131021.1](#)

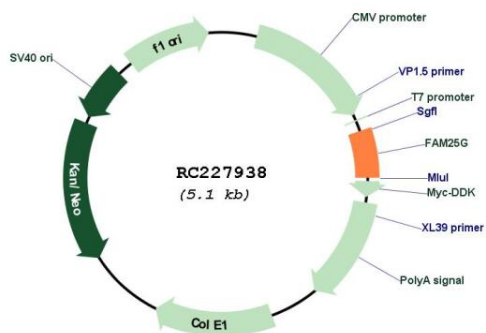
RefSeq Size: 335 bp

RefSeq ORF: 270 bp

Locus ID: 100133093

UniProt ID: [B3EWG3](#)
 Cytogenetics: 10q11.22
 MW: 9.3 kDa

Product images:



Circular map for RC227938