

## Product datasheet for **RG204534**

### FAM3D (NM\_138805) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM3D (NM_138805) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAM3D
Synonyms:	EF7; OIT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204534 representing NM_138805 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGAGTGTGAGGTGTGCTTCGCCTCCTGGCCCTCATCTTTGCCATAGTCACGACATGGATGTTTATTC  
GAAGCTACATGAGCTTCAGCATGAAAACCATCCGTCTGCCACGCTGGCTGGCAGCCTCGCCACCAAGGA  
GATCCAGGTTAAAAAGTACAAGTGTGGCCTCATCAAGCCCTGCCAGCCAACTACTTTGCGTTTAAATC  
TGCAGTGGGGCCCAACGTCGTGGCCCTACTATGTGCTTTGAAGACCGCATGATCATGAGTCTGTGA  
AAAACAATGTGGCAGAGGCCTAAACATCGCCCTGGTGAATGGAACCACGGGAGCTGTGCTGGGACAGAA  
GGCATTGACATGACTCTGGAGATGTTATGCACCTAGTAAAATTCCTTAAAGAAATTCGGGGGGTGCA  
CTGGTGTGCTGGCCTCCTACGACGATCCAGGGACCAAAATGAACGATGAAAGCAGGAACTCTTCTCTG  
ACTTGGGGAGTTCCTACGAAAACAAGTGGCTTCCGGGACAGCTGGGTCTTCATAGGAGCCAAAGACCT  
CAGGGGTAAAAGCCCCTTTGAGCAGTCTTAAAGAACAGCCAGACACAAACAAATACGAGGGATGGCCA  
GAGCTGCTGGAGATGGAGGGCTGCATGCCCCGAAGCCATTT

**ACGCGT**ACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG204534 representing NM\_138805  
Red=Cloning site Green=Tags(s)

MRVSGVLRLLALIFAIVTTWMFIRSYSFSMKTIRLPRWLAASPTKEIQVKYKCGLIKPCPANYFAFKI  
 CSGAANVVGPTMCFEDRMIMSPVKNVGRGLNIALVNGTTGAVLGQKAFDMYSGDVMHLVKFLKEIPGGA  
 LVLVASYDDPGTKMNDESRKLFSDLGSSYAKQLGFRDSWVFIGAKDLRGKSPFEQFLKNSPDTNKYEGWP  
 ELLEMEGCMPPKPF

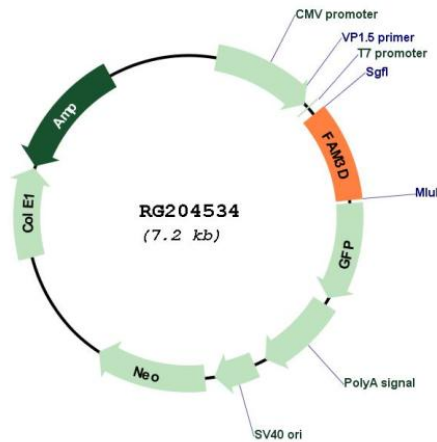
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_138805

**ORF Size:** 672 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_138805.3</a>
<b>RefSeq Size:</b>	1322 bp
<b>RefSeq ORF:</b>	675 bp
<b>Locus ID:</b>	131177
<b>UniProt ID:</b>	<a href="#">Q96BQ1</a>
<b>Cytogenetics:</b>	3p14.2
<b>Protein Families:</b>	Secreted Protein, Transmembrane