

Product datasheet for **RG236608**

FAM177A1 (NM_001289022) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM177A1 (NM_001289022) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAM177A1
Synonyms:	C14orf24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236608 representing NM_001289022. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACCAGGAGCCAGTGGGCGGTGTGGAACGAGGAGAAGCCGTCGCAGCCTCGGGAGCTGCGGCCGCC
GCGGCATTCGGGGAATCTGCAGGCAGATGAGTAACGAAAGAGGCTTTGAAAATGTAGAACTGGGAGTC
ATAGGAAAAAGAAGAAAGTCCCAAGGAGATCATCCACTTTGTTAGTGGTGAACAATGGAAGAATAT
AGCACAGATGAAGACGAAGTTGATGGCCTGGAGAAGAAAGATGTTTTGCCTACTGTTGATCCGACAAAA
CTTACCTGGGTCCCTACTTATGGTTTTACATGCTTCGGGCTGCTACATCACTCTCTCAGTGTGTGAC
TTCTTGGAGAGAAGATTGCATCTGTTTTGGGTATCAGCACCCCAAAGTACCAATATGCCATTGATGAA
TATTATCGGATGAAGAAGGAGGAAGAAGAAGAAGAAACAGGATGTCTGAAGAAGCAGAAAAA
CAATATCAACAGAATAAATTGCAGACTGATTCATTGTTTACAGACAGATCAACCAGAGACAGTGATATCC
AGCTCATTTGTGAATGTCAATTTTAAAATGGAGGGAGACAGTGAAGTAATTATGGAAAGCAAGAAAAA
CCAGTCTCTGTCCACCA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```



[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236608
 Blue=ORF Red=Cloning site Green=Tag(s)

MDQEPVGGVERGEAVAASGAAAAAFGESAGQMSNERGFENVELGVIGKKKKVPRRVIHFVSGETMEEY
 STDEDEVLDGLEKKDVLPTVDPTKLWGPYLFYMLRAATSTLSVCDLGEKIASVLGISTPKYQYAIDE
 YYRMKKEEEEEENRMSEEAEKQYQNKLQTDTSIVQTDQPETVIVSSSFVNVNFEMEGDSEVIMESKQN
 PVSVPV

TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIIGDFKVMGTGFPE
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001289022

ORF Size: 639 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_001289022.2](#)

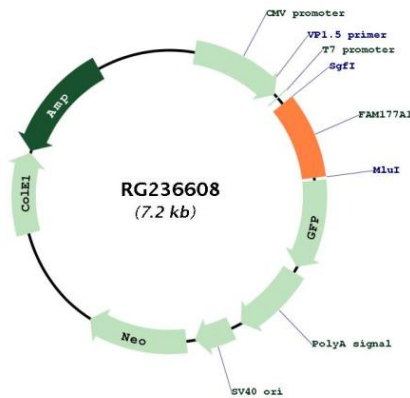
RefSeq Size: 2999 bp

RefSeq ORF: 642 bp

Locus ID: 283635
UniProt ID: [Q8N128](#)
Cytogenetics: 14q13.2
MW: 23.8 kDa

Gene Summary: This gene encodes a member of a conserved protein family. Alternative splicing results in multiple transcript variants. This gene is thought to be associated with susceptibility to juvenile idiopathic arthritis. [provided by RefSeq, Apr 2017]

Product images:



Circular map for RG236608