

Product datasheet for **RG238904**

FAM222B (NM_001288633) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM222B (NM_001288633) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAM222B
Synonyms:	C17orf63
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG238904 representing NM_001288633.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTAGCCTGTCTACCAGGGCCAGGTGACCTGTCTTTTCTCACACGCAGATGAACACT
GGACTTCAGAAATGGGACACTACACAGAAAATGAGAAGTCTCACTATCCTACCCAGCCGAATTGGAT
GGGTATGCTAAGAAGGTCGAAACAACCCACTGACTATAAAAATCTTCCCAACAGTGTGAAGTTCCC
CAGCGGAAACACGTTTCGTCGACTGTGAACGGCCTCGACACATCAGCCCAGCGCTACAGCCCTACCCG
ACACAGGCTGCCACCAAGGCAGGCCTGCTTGCATTGTCAAAGTGCCAGCCAAAAGCATACTCAAGGAC
TTTGACGGCACCCGAGCCGGTTGCTCCCTGAGGCCATCATGAACCCCCAGTGGCACCCTATGCTACT
GTGGCACCCAGCACTTTAGCCCACCCAGGCCAGGCTCTGGCCCGCCAGCAGGCCCTGCAGCATGCA
CAGACCCTGGCCATGCCCTCCCAGACGCTGCAGCACCCCTCAGGGTATCCCGCCACCCAGGCACTG
TCCCACCCTCAGAGCCTCCAGCAGCCTCAGGGCCTGGGCCACCCCTCAGCCATGGCCAAAACCCAGGGC
TTGGTCCACCCTCAGGCCCTGGCTCACCAGGGTCTCCAGCACCCCAATCCCTTGTGCATGGAGGC
CGGAAGATGCCAGACTCAGATGCCCCCCGAATGTGACCGTGTCTACCTCAACTATCCCCCTTTCAATG
GCGGCCACTCTGCAGCACAGCCAGCCTCCGGACCTGAGTAGCATCGTGCACCAGATCAACCAGTTTTGC
CAGACGAGGGCAGGCATCAGCACTACCTCAGTGTGTGAGGGCCAGATCGCCAACCCAGCCCATAGT
CGCAGTCTGCTCATCAATGCAAGCACCCGGGTGTCGACCCACAGCGTCCCACACCAATGCCTTCATGT
GTGGTCAATCCCATGGAGCACACCCACGCGGCCACCGCCGCTTGCTGCTGCAGTCTGTCAACCTG
CCCACAGGCATCTCTCGCTCCCCTAGGCTACCTAGCGACCTCAAGCCAGTCACTGGAACAGCAC
CAGCTGGCCACCTACAGCAGATGTGCAGCGAGGCTAGTGGGACGCCAGCCCTGGCTGACAGGCAAG
CATGCGGCAGGACGCGAGTTGGCAGGGCCTGGCTTTGTGGGCAAGGCCCTGCCTACCCGAGCAACTC
TGCTGGCGCAGTCTTCCATCTGAAGCCACCCCTGGAAAAGCCGACCCATCCCAACAGTCAACGGC
ATGGCAGCCCATTTGGCTACCCCAATGGTCACTACTTCCAACCCTGTGGAACAACATTCTGCCCACT
CCCAATAGCGACAGCTCGGGTCTCAGGACCTTGCATGCCGTTCCACGGTGGGAGCCACAGGTGCA
CCCCTCGACTGTGCGGCAGCTCCCGGGGCCACTACCGAGCAGGGACCGGGGGCGGTCCAGTGGCAAGC
CAGAACAGCTTGATGCAAACAGTGGATTACCTAAGTGGGATTTCCAACAGGCCTGCTTCCGAGAACAG
AGCCTGGCCATGCTGAGCAAGGCCACCGAGCCCTGGCAACCGAGCCCCGATCCACAGAGAGTCGA
AGTCTTCATATTCAGCACCCAGGTATAGA
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238904
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MLACLPGPGLSFQLLSHTQMNTGLQKWDTTQKMRTAHYPTPAELDAYAKKVANNPLTIKIFPNSVKVP
QRKHVRRTVNGLDTSAQRYSPYPTQAATKAGLLAIVKVPKAKSILKDFDGTARLLPEAIMNPPVAPYAT
VAPSTLAHPQAQALARQALQHAQTLAHAPPQTLQHPQGIPPPQALSHPQSLQQPQGLGHPQPMATQGL
LVHPQALAHQGLQHPHNPLLHGGRKMPDSDAPPNVTVSTSTIPLSMAATLQHSQPPDLSSIVHQINQFC
QTRAGISTTSVCEGQIANPSPISRSLLINASTRVSTHSVPTPMPSCVVPMEHTHAATAALPAAGPVNL
PTGISRVPTGYPSDLKPVTWNQHLAHLQMCSEASGTPAPGLTGKHAAGRELAGPFGVGPAPYQEL
CLAQSFHLKPPLEKPTSPVNGMAAPLAYPNGHYFQPLWNNILPTNSDSSGSQDLAMPFHGGQPTGA
PLDCAAAPGAHYRAGTGGGPVASQNSLMQTVDYLSGDFQQACFREQSLAMLKAHRAPGNRAPDPTESR
SLHIQHPGYR
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

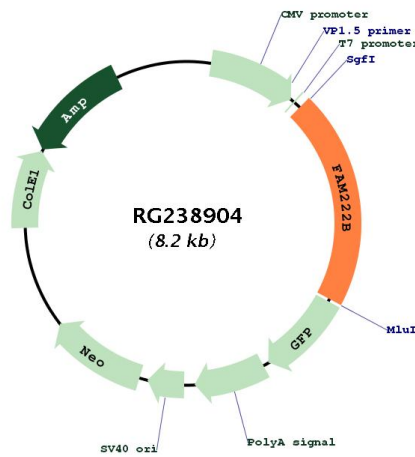
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001288633

ORF Size: 1686 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_001288633.2
RefSeq Size:	4255 bp
RefSeq ORF:	1689 bp
Locus ID:	55731
UniProt ID:	Q8WU58
Cytogenetics:	17q11.2
MW:	59.7 kDa