

Product datasheet for **RG228155**

RBM34 (NM_001161533) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM34 (NM_001161533) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RBM34
Synonyms:	KIAA0117
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG228155 representing NM_001161533 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTTGAAGGGATGAGCAAACGGAAGAGAAAGAGAAGTGTCCAGGAGGGAGAGAATCCTGACGACG
GCGTTCGCGGGAGTCCGCCGGAAGACTACAGGCTTGGACAGGTCGCCAGTAGCTTATTCGCGGCGAACA
CCATTCCAGAGGTGGCACCAGTCCGGCTGGCTCCCTCTCAGTTCTCTGGAGCCCAGATTCAACCCGTG
TACGTGCCTGTGCCTAAACAAACCATCAAAAAACGAAACGGAATGAGGAGGAAGAAAGTACATCCCAGA
TTGAAAGACCACCTTCGCAAGAACCTGCCAAAAAGTAAAAGCGAAGAAGAAACACTAACGCAGAAAA
AAAGTTGGCAGACAGGAAAGCGCTCTAGCGAGTGTGATTTAGAAGAAGAAATTCACCAGAAACAGGG
CAGAAAAGGAAAAATTCTCAACCTGGTGTAAAAGTAGCAGATAGAAAAATACTTGATGACACAGAAGACA
CAGTTGTCAGTCAAAGAAAGAAATTCAAATCAACCAAGAAGAAGAGAGATTAAGAATGAGAGAACTGT
GTTTGTGGGAATTTGCCTGTTACATGTAATAAGAAGAAGCTGAAGTCGTTTTTAAAGAGTATGGACAA
ATAGAATCTGTACGATTCGTTCTCTGGTATGTTTCATTCCTCCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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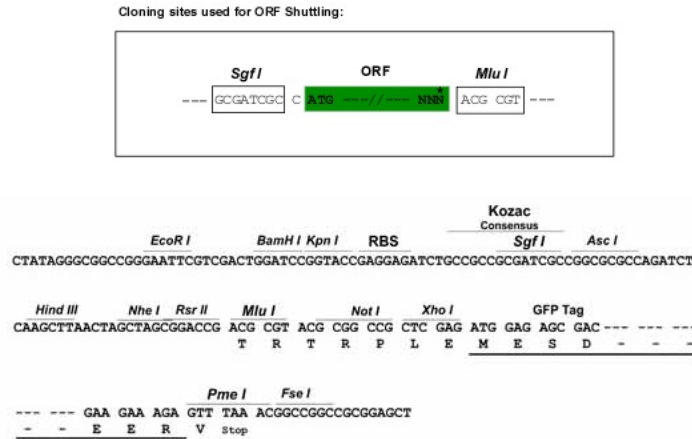
Protein Sequence: >RG228155 representing NM_001161533
Red=Cloning site Green=Tags(s)

MALEGMSKRKRKRSVQEGENPDDGVRGSPPEYRLGQVASSLFRGEHHSRGGTGRLASLFSLEPQIQPV
 YVPVPKQTIKKTKRNEEEESTSQIERPLSQEPAKKVKAKKKHTNAEKKLADRESALASADLEEEIHQKQG
 QKRKNSQPGVKVADRKILDDTETVVSQRKKIQINQEEERLKNERTVFVGNLPVTCNKKLKSFFKEYGQ
 IESVRFRLVCFIPP

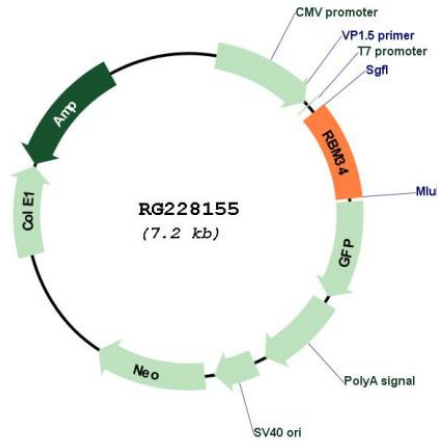
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001161533

ORF Size: 675 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:	<ol style="list-style-type: none">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_001161533.1 , NP_001155005.1
RefSeq Size:	905 bp
RefSeq ORF:	678 bp
Locus ID:	23029
Cytogenetics:	1q42.3
Gene Summary:	This gene encodes a member of the RNA-binding motif family of RNA recognition motif proteins. The encoded protein contains an RNA-binding domain made up of two RNA recognition motif subdomains referred to as RNA recognition motif-1 and RNA recognition motif-2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]