

Product datasheet for **MG205840**

A430105I19Rik (NM_001001982) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	A430105I19Rik (NM_001001982) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	A430105I19Rik
Synonyms:	Ccdc9b; Gm353
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205840 representing NM_001001982 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAACAAAGCCAAGGCCAAAAGGATAGTAAGTGAGAAACCCACGACCCAAGCGGGAGCCCAAGG
CAAAGGGGACATCTGGAGGAGGCCGGAGCTGGCGTGCACCCTGCAGATGACTTCCAGCTCAGATTCAGC
AGGAAGGGTGTCTGGAGCCCCGGAGTCCAGGCGTGGTCTCAAGTCCACCTCCCCAACAGTCTTGGGG
CTGTCCCCTGAGGCCAGCTGGGACTACACGCAGTGAAACAAGAGAGAGAGCAGATTGACCTGGCCCCG
TTGCCCGCACAGAAACCCACAGGGTACTGGAGCCGCGTGGGACCTGGACAAAGCCAAGTCCATGCC
ACAGAAGTCCACAAGCCTAGGGACAGGGACCTGGCCATGGGCAGCAGGAAGGGTCTAGGACCCACCAG
AAGCCTCAGCACCCACCATCATCCCTGGATGAAAAATGTCGGGGTGGACAATCTGGAAGACCTCGATGA
CATCCACCATAGGCAGCAACGCCAGGGGAAGGAGAGGCTAACTGGCAGGGCCCCAAGGTATGACATGAA
AGAAGATGAGATGCTGCAGAGCCAGGAGGGAAGCCAGAGCAGCACGAAGACTCCCAGTGCAGAGGAAGAA
TTCGTACAGAAGCGGAATGAAAGGGAGCCAGACAGACAAGAGACCGTGCCTGCAACCAGCCCAATTCAG
CCTCCCCAGAGGGGCTAAAAGGAGAGTCGGGGACCTCTACAGCCAGTTTGGCCCCAGACTCTCCACAACA
TTCTGACTTGGCTCCCCTCGACCTCTCTGTGGGAGGAGCTAGCAGCCGAAGCCTGGAAAAAGTACATGT
ATACTCGGTCAAAGGCTGGGGCTCAGCAAAGTCCAGTGTGATGGCCAAATGGTCTGAGCAGCAGACCC
TGGGGTGCATGACCACAGCCTGGGCTGGAAGTCCACAGTTGCACTGAGTCACAGAGGAAAGCACAGAC
CCCAGAGCCCATGGAGGACAGGGCTGGCAAGGCTGGGGCCCAAGAGAATCTGACACCAAGAGCAGGCC
CCCAGAGGAATTGGCCCAAGGGCAAGAGGCACAAGTAAAAGAAGCAGGGCAGGAGTCTGGCCCTGCAG
GAAGATGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205840 representing NM_001001982
 Red=Cloning site Green=Tags(s)

MENKAKAKRIVSEKPTTQARSPRAKGTSGGGRSWRAPLQMTSSSDSAGKGVLEPRSPGVVSSPPPQQSLG
 LSPEASWDYTQWKQEREQIDLARLARHRNPQGDWSRPWLDKAKSMPQNCCHKPRDRDLAMGSRKGPRTHQ
 KPQHPPSSLDGKCRGGQSGRPSMTSTIGSNAQGKERLTGRARRYDMKEDEMLQSQEGSQSSTKTPSAEEE
 FVQKRNEREPDRQETVPATSPIPASPEGLKGESGTSTASLAPDSPQHSDLAPLDLSVGGASRRKPGKSTC
 ILGPKAGAQQSPVSWPNGSEQTLGCTDHQPGLVHSCTESQRKAQTPEPMEDRAGKAGAQENLTPRSRP
 PRGIGPRARGTSKRSRAGGPGPAGRC

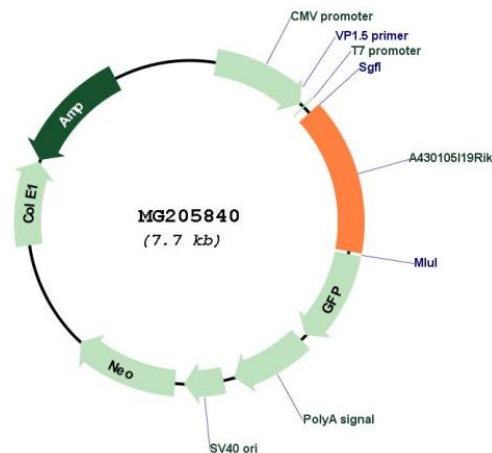
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001001982

ORF Size:	1128 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_001001982.1 , NP_001001982.1
RefSeq Size:	4716 bp
RefSeq ORF:	1638 bp
Locus ID:	214239
UniProt ID:	A3KGF9
Cytogenetics:	2 E5