

Product datasheet for **MG205898**

Fam185a (NM_177869) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam185a (NM_177869) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fam185a
Synonyms:	4631428I10; AI847670
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205898 representing NM_177869 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCCGGCCGCTCCCTCCTTGCGCGTCCCGAGTGGGGCGGGCGCCTTGGTCGGAGCTCTCGGGGCTC
GGACTTGGCGCTCCAGTGGGGCGCAGCGGCAGGGATCAGCGCCCGATGACTCTGGGGCCGGCTGGCGCG
TGGGGCTCTGAGGGAGTGGACGCTGCAGGTGAGCCGTTTGGGCGACTGAGGGCGCGGCTCCCTTGCCAC
CTGGCCGTGAGGCCCTGGATCCCCTTGGCACCCTGGATGGCGACCGGTGCAGGTGGCGGTGTGCGGCG
TGGAGCACGTGGCGCGCGCCTGGACAGCCTGCAGGTCAAGTATGATGCTGATCGGCAGGAGATGGCCAT
TCTGTGCGACGACATCGACCCCGAGCGTGGTGGAGGTGAACGCGCCGTCAAATTTGATTTGAGTATT
GAGTCATCAGGATCTGGCTCTGTGAAGGTGCAGAAATTTGAATGTGATAGCTGTAAAATCGACACTGAGC
AGGGGACCAGCATCCTGCAGTCTGTGAAGAGTCAAAGTTGCATGTTCAAACCAAGGAGGCGATGTGAT
CTGTTGTGAACGGTTTACGGAAATATAGATATTCATGCATCGGATAAAAGTACTGTGAGCATAGAGAAA
CTTCAGGAAAGTTGTGTTAATATCTACGGAGGATGTTTGGCTTCAAGCCAAGTATCTTTATACAGAA
CTTCTTTCTGTCTTCTGCTGCTGGGAATTTGCACTAGGAAATGTTTCAAGCAAGTATCATCTTACAAG
CAAGATGGGTAACATAACAGTGGATTCGTCCTGTGGATGTCTAAAAGCCTCCAGTCATCAGGGTGCCATA
GATGTGTATGTCAGTCAGCTGGGGAAAGTGGCACTGACAACAGAAGAAGTTCTATTGTGTCAGGCCCC
CATCTTCTACGAGCTTATTTAAATTCAGGCAAAGAGGTAGTTGTGGATGAAGAAGTCAATGTTCA
GGAAATGGCCAAAGACTGTAAAGGTGATGTTGACGTTACAGGACTCATGAATCAAGCAAGCAACAC
GAGAGATGGATAAATGCCATTGCCCCAAAGGCACTGTAAGCTTCCAGCATCAGAGCTGTTTTCAGTCCC
TGAAGCTGCCGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205898 representing NM_177869
 Red=Cloning site Green=Tags(s)

MFGRLPPCASRVRAGALVGALGARTCGSSGAQRQGSAPDDSGAGLARGALREWTLQVSPFGRLRARLPCH
 LAVRPLDPLAHPDGRVQVAVCGVEHVARGLDLQVKYADRQEMAILSDDIDPQASVEVNAPVKFDLSI
 ESSGSGSVKVNIECDSCSIDTEQGTSLQSVKSQKLHVQTKGGDVICCGTVYGNIDIHASKSTVSIEK
 LQGSCVNI STEDGLLQAKYLYTESSFLSSAAGNIALGNVHGNIILQSKMGNITVDSSCGCLKASSHQGAI
 DVYVSQLGEVALTTEEGSI AVKAPSSLRAYFKLSGKEVVVDEEAHVQEMAKDCKGDGVTVTGLMNQASKH
 ERWINAIAPKGTVSFQHQSFWFQSLKLPD

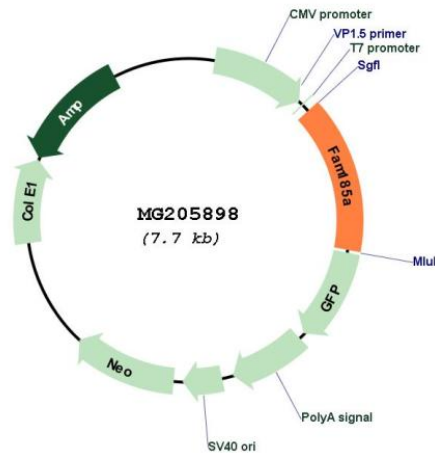
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_177869

ORF Size:	1134 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_177869.4
RefSeq Size:	2845 bp
RefSeq ORF:	1137 bp
Locus ID:	330050
UniProt ID:	Q7TPD2
Cytogenetics:	5 A3