

Product datasheet for **MG219099**

Fads6 (NM_178035) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fads6 (NM_178035) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Fads6
Synonyms: BC044804; OTTMUSG00000021749
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG219099 representing NM_178035
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGACCGTTTCGTAGTGCCTCCGGGGACGGCGCTGCTGAGGCGCTGCTGAAAGAGCTGGAGCGTC
 AGGTGCAGGATGTGGTGCGGGCGAGCTCGTGGTGGGAGCGCCACGGTGTGGACTGCGCCATCCTCGCTCT
 CAGCCTGCTCGCCTTGCCGGCAGGGTTCCTGTGCCTACGCGCCATAATATCCTGGCCTTTGCCACGGGC
 ATCACAATCTTGGGTGTGTGCCATTATACACTCACCGTCAAGGGCAGCCACCTGGCCACTCACAGTGCC
 TCACAGAGTCCAAACGCTGGAGCAAGATCTTGATGATTTCTTTTGGAGGTGTGCACAGCCTTTTCTGC
 AGAGTTCGCCAAATCAACCACGTGAATCTGCACCACGTTTACACCAACGTGGTGGTCTGGGCGATTCA
 AGCACGTGGAAGGTGCCTCTCCTCAACCCTACGTTTACATGTTCTTGGCCGCTTTTGGTCCCATCA
 TAACGCCGCTGGTAGCTCTTGGAGCATTTGAGGAAGGAAGACCGAGGACTGCACTGCGGACTTTGGGCTT
 CATCTGCCTGGGCTTTACTCTCAGTACTGGCTGTTTCAATGATGTGCAGGCTTCAAGAACCCAGTTCA
 GCACTGGCCTGCATGCTGCTCACCAGATCCCTGCTGGCCACCCTTATCTCCATGTCATATCTCCAGC
 ACATCGGACTGCCTATGTTCTCCCGGACAAGAAGCCAGGAGGATCCACATGATGACCTGGGGTTCT
 GAACCTGCCACGGCAGCTGGTGTGGACTGGGCATTGGCCACTCCCTCATCAGTGCACGTGGAGCAC
 CACCTCTCCCTTGGCTCTGACCACATGTGCTTGAAGGTGAAGCCCTTGGTGTGCAAGTTTCTCCAGC
 AGAAGCAGCTGCCTTACAATGAAGACTCATACCTGGCTCGATTCCAGCTGTTCTCAGCCGCTATGAGGA
 GTTCATGGTGCATGTCCCGCCATCACTGAGCTGGTGGGGGTGCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG219099 representing NM_178035
 Red=Cloning site Green=Tags(s)

METVRSAPPGDAAEALLKELERQVQDVVRASSWVERHGVDCAILALLLALPAGFLCLRAHNILAFATG
 ITILGVCHYTLTVKGSHLATHSALTESKRWSKILMIFFLEVCTAFSAEFAKFNHVNHHVYTNVVGLDGS
 STWKVPLLNRVYVMFLGPLLVPITPLVALEHLRKEEPRTALRTLGFICLGLYSQYWLFMNVSGFKNPSS
 ALACMLLTRSLLAHPYLHVNIHQHIGLPMFSPDKKPRRIHMMTLGVNLNLPRLVLDWAFGHSLISCHVEH
 HLFPWLSDHMCLKVKPLVSKFLHEKQLPYNEDSYLARFQLFLSRYEEMVHVPPITELVGVQ

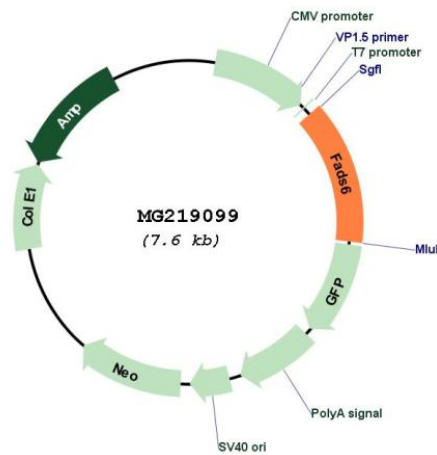
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_178035

ORF Size: 1026 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_178035.5
RefSeq Size:	1257 bp
RefSeq ORF:	1029 bp
Locus ID:	328035
UniProt ID:	Q80UG1
Cytogenetics:	11 E2