

Product datasheet for **MG216686**

Atad5 (NM_001029856) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Atad5
Synonyms:	C130052G03Rik; FRAG1; Gm17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG216686 representing NM_001029856
Red=Cloning site Blue=ORF Green=Tags(s)

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TTGGCAGCTGACTTCCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

Protein Sequence:

>MG216686 representing NM_001029856

Red=Cloning site Green=Tags(s)

MVGLSMAAAAAPLPVKDYEIEPCKRRKDDDNSSCETITKYLSPIGKTGDKVFSPPKPSNILHYFRKTS
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 LAADFP

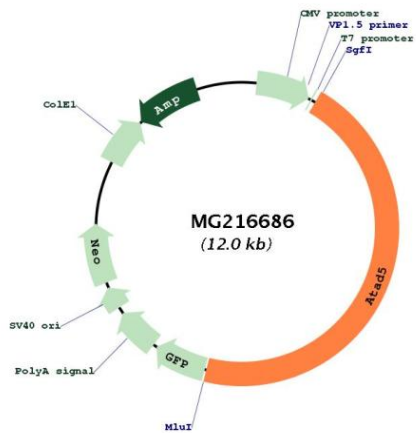
TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001029856.2 , NP_001025027.1
RefSeq Size:	7272 bp
RefSeq ORF:	5481 bp
Locus ID:	237877
UniProt ID:	Q4QY64
Cytogenetics:	11 B5
Gene Summary:	Involved in DNA damage response. Involved in a RAD9A-related damage checkpoint, a pathway that is important in determining whether DNA damage is compatible with cell survival or whether it requires cell elimination by apoptosis. Modulates the RAD9A interaction with BCL2 and thereby induces DNA damages-induced apoptosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG216686