

Product datasheet for **MG205650**

Abi3 (NM_025659) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abi3 (NM_025659) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Abi3
Synonyms: 2210414K06Rik; AI987680; NESH
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205650 representing NM_025659
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGCTGCAGCAGTTACAGCAGCTGCAGGAGTTTGATATCCACGGGCCGGGAGGCTCTGCGGG
 GCAACCACAGCGCCCTGCTACGGGTGGCCAACACTGCGAGGATAACTACTTGCAGGCCACAGACAAGCG
 GAAGGCGCTGGAAGAGACGATGGCTTTCACCACCCAGGCCCTAGCCAGTGTGGCCTACCAAGTGGGTAAC
 CTGGCCGGGCATACTCTCGAATGCTGGATCTACAGGGTGTGCCCTGCGGCAGGTAGAAGCCAAGATGA
 GCACACTGGGCCAGATGGTAAACATGCATATGGAGAAGGTAGCTAGAAGGGAGATCGGCACCTTTGGCCAC
 TGTTGTGCGGCTGCCCTTAACCAGAAAGTCATCCCTCCTGAGAGCCTGCCTTCCCTCACTCCCTACCAC
 AGAAAACCCCTCAACTTTGCCTGCTTGGATGACATTGGCCACGGAGTCAAGGACTTGAGCACGCAGCTGT
 CACGGACCCGGACCCCTGTCTCGCAAGAGCATAAAGGCGCCTGCTACACCTGTTTCCGCCACGCTGGGGAG
 ACCACCCCGGATCCCTGAGCCGGTGCAGCTCCCAGCCGTGCCAGACGGCAAGCTCTCCGCTGCCTCCTCT
 GCCTCTTCTTGGCCTCGGCAGGCAGTGCAGGAGTGCAGTGGGATCCCCAGTCCAAGGGACAGGTAG
 CGCCTGCAACCCCGCCTCCTCCACCTGTAGCACCTGTAAACCCGCTCCTCCACCGTTGTCTGCCAGGT
 CTTCTTGGCCCGCCCTCCGCTGGAGGTGTCCAGCCCCCTCTGGAAGCAGAGTTGGCCCTGCCTCCTCCC
 CCAGCTAGAGGGGATGAAC TGGGGCTGCCTCCGCCCCACCAGGTTTTGGACCAGATGAGCCCA
 GCTGGGTCCCTGCTAGCTACTTGGAGAAAGTGGTGACCCTGTACCCATACACCCGGCAAAAGGACAATGA
 GCTCTCCTTCTCTGAAGGCACCGTCATCTGTGTCACTCGCCGCTACTCGGATGGTGGTGTGAGGGTGT
 AGTTCAGAGGGCACTGGATTCTTCCAGGGAAC TATGTGGAGCCAGCTGC

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205650 representing NM_025659
 Red=Cloning site Green=Tags(s)

MAELQQLQQLQEFDIPTGREALRGNHSAALLRVANYCEDNYLQATDKRKALEETMAFFTQALASVAYQVGN
 LAGHTLRMLDLQGAALRQVEAKMSTLGQMVNMHMEKVARREIGTLATVVRLPSNQKVIPPELPSLTPYH
 RKPLNFACLDDIGHGVKDLSTQLSRTGTL SRKSIKAPATPV SATLGRPPRIPEPVQLPAVPDGLKSAASS
 ASSLASAGSAEGASGIPQSKGQVAPATPPPPVPVTPPPPLSAEVFLPPPPEVVSQPPLAEALPLPPP
 PALEGDELGLLPPPPGFGPDEPSWVPASYLEKVVTLYPYTRQKDNELSFSEGTVICVTRRYSDGWCEGV
 SSEGTGFFPGNYVEPSC

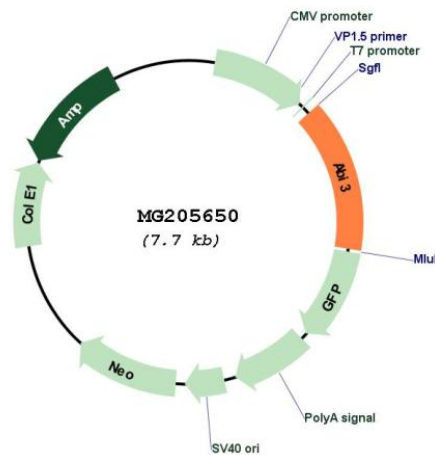
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_025659

ORF Size:	4035 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_025659.4 , NP_079935.1
RefSeq Size:	1441 bp
RefSeq ORF:	1104 bp
Locus ID:	66610
UniProt ID:	Q8BYZ1
Cytogenetics:	11 D
Gene Summary:	Inhibits ectopic tumor cell metastasis of SRD cells. In vitro, reduces cell motility. [UniProtKB/Swiss-Prot Function]