

Product datasheet for MR205650

Abi3 (NM_001163464) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abi3 (NM_001163464) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Abi3
Synonyms: 2210414K06Rik; AI987680; NESH
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR205650 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGCTGCAGCAGTTACAGCAGCTGCAGGAGTTTGATATCCCCACGGGCCGGGAGGCTCTGCGGG
 GCAACCACAGCGCCCTGTACGGGTGGCCAACTACTGCGAGGATAACTACTTGCAGGCCACAGACAAGCG
 GAAGGCGCTGGAAGAGACGATGGCTTTCACCACCCAGGCCCTAGCCAGTGTGGCTACCAAGTGGGTAAC
 CTGGCCGGGCATACTCTCGAATGCTGGATCTACAGGGTGTGCCCTGCGGCAGGTAGAAGCCAAGATGA
 GCACACTGGGCCAGATGGTAAACATGCATATGGAGAAGGTAGCTAGAAGGGAGATCGGCACCTTTGGCCAC
 TGTTGTGCGGCTGCCCTTAACCAGAAAGTCATCCCTCCTGAGAGCCTGCCTTCCCTCACTCCCTACCAC
 AGAAAACCCCTCAACTTTGCCTGCTGGATGACATTGGCCACGGAGTCAAGGACTTGAGCACGCAGCTGT
 CACGGACCCGGACCTGTCTCGCAAGAGCATAAAGGCGCCTGCTACACCTGTTTCCGCCACGCTGGGGAG
 ACCACCCCGGATCCCTGAGCCGGTGCAGCTCCCAGCCGTGCCAGACGGCAAGCTCTCCGCTGCCTCCTCT
 GCCTCTTCTTGGCTCGGCAGGCAGTGCAGGAGTGCAGTGGGATCCCCAGTCCAAGGGACAGGTAG
 CGCCTGCAACCCCGCCTCCTCCACCTGTAGCACCTGTAAACCCGCTCCTCCACCGTTGTCTGCCAGGT
 CTTCTTGGCGCCCTCCGCTGGAGGTGTCCCAGCCCCCTCTGGAAGCAGAGTTGCCCTGCCTCCTCCC
 CCAGCTTAGAGGGGATGAACTGGGGCTGCTGCCCTCCGCCCCACCAGGTTTTGGACCAGATGAGCCCA
 GCTGGGTCCCTGCTAGCTACTTGGAGAAAGTGGTGACCCTGTACCCATACACCCGGCAAAAGGACAATGA
 GCTCTCCTTCTGAAGGCACCGTCATCTGTGTCATTGCGCGCTACTCGGATGGTGGTGTGAGGGTGTG
 AGTTCAGAGGGCACTGGATTCTCCAGGGAATATGTGGAGCCAGCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205650 protein sequence
 Red=Cloning site Green=Tags(s)

MAELQQLQQLQEFDIPTGREALRGNHSAALLRVANYCEDNYLQATDKRKALEETMAFFTQALASVAYQVGN
 LAGHTLRMLDLQGAALRQVEAKMSTLGQMVNMHMEKVARREIGTLATVVRLPSNQKVIPPELPSLTPYH
 RKPLNFACLDDIGHGVKDLSTQLSRTGTL SRKSIKAPATPV SATLGRPPRIPEPVQLPAVPDGKLSAASS
 ASSLASAGSAEGASGIPQSKGQVAPATPPPPVAPVTPPPPLSAEVFLPPPPEVVSQPPLAEALPLPPP
 PALEGDELGLLPPPPGFGPDEPSWVPASYLEKVVTLYPYTRQKDNELSFSEGTVICVIRRYSDGWCEGV
 SSEGTGFFPGNYVEPSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001163464

ORF Size: 1104 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:

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_001163464.1](#), [NP_001156936.1](#)

RefSeq Size: 3687 bp

RefSeq ORF: 945 bp

Locus ID: 66610

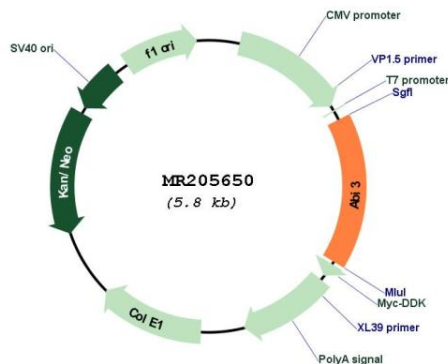
UniProt ID: [Q8BYZ1](#)

Cytogenetics: 11 D

MW: 39.1 kDa

Gene Summary: Inhibits ectopic tumor cell metastasis of SRD cells. In vitro, reduces cell motility. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205650