

Product datasheet for **RR209365**

Abi3 (NM_001013118) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Abi3 (NM_001013118) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Abi3
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR209365 representing NM_001013118
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGCTGCAGCAGCTGCAGCAGTTGCAGGAGTTCGATATCCCCACGGGCCGGGAGGCTCTGCGGG
 GCAACCACAGCGCCCTGCTACGGGTGGCCAACTACTGTGAGGATAACTACTTGCAGGCCACAGACAAGCG
 GAAGGCGCTGGAAGAGACGATGGCTTTCACCACCCAGGCCCTGGCCAGTGTAGCCTATCAAGTGGGTAAC
 CTGGCGGGGCACACGCTTCAATGCTGGATCTACAGGGTGTGCCCTGCGGCAGGTGGAAGCCAAGATGA
 GCACACTGGGCCAGATGGTGAACATGCACCTGGAGAAAGTAGCCAGAAGGGAGATTGGCACGTTGGCCAC
 TGTCTGTCGGCTGCCCTAGCCAGAAGGTCATCCCTCCTGAGAGCCTGCCTCCCCTCACTCCCTACTGC
 AGAAAACCCCTCAACTTTGCCTGCTTGGATGATGTTGGCCATGGAGTCAAGGACTTGAGCACACAGCTGT
 CACGGACCGGGACCCTGTCTCGAAGAGCATAAAGGCGCCGCTACACCTGCCTCTGCCACGCTGGGGAG
 ACCACCCCGGATCCCTGAGCCGGTGCAGCTCCCAGCGGTGCCAGACGGCAAGCTCTCCGCTGCCTCCTCT
 GTGTCTTCTTGGCTCCGACGGCAGTGCAGAAGGTGCCAGTGGGATCCCCAGTCCAAGGGACAGGTAG
 CACCTGCAACCCCGCCTCCTCCACCTATAGCGCCTGTAACCTCCACCTCCTCCACCATTGCCTGCTGAGAT
 TTCTTGTGCCCCCTCCGATGGAGGAGTCCCAGCCCCCTCCGGAACAGAGTTGCCCTGCCTCCTCCT
 CCGGCTCTACAGGGGGATGAAGTGGGGTGTGCTCCTCCGCTCCACCAGTTTTGGACCGGATGAGCCCA
 GCTGGGTCCCTGCTGCCTACTTGGAGAAAGTGGTACGCTGTACCCATACACCCGGCAGAAGGACAATGA
 GCTCTCTTTTCTGAAGGAACCGTCATCTGTGCTACTCGACGCTACTCAGATGGTGGTGTGAGGGTGTG
 AGCTCAGAGGGCACTGGATTCTTCCAGGGAACATGTGGAGCCCAGCTGC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR209365 representing NM_001013118
Red=Cloning site Green=Tags(s)

MAELQQLQQLQEFDIPTGREALRGNHSAALLRVANYCEDNYLQATDKRKALEETMAFFTQALASVAYQVGN
LAGHTLRMLDLQGAALRQVEAKMSTLGQMVNMHLEKVARREIGTLATVVRLPPSQKVIPPELPLTPYC
RKPLNFACLDDVGHGVKDLSTQLSRTGTLSRKSIKAPATPASATLGRPPRIPEPVQLPAVPDGKLSAASS
VSSLASAGSAEGASGIPQSKGQVAPATPPPPPIAPVTPPPPPPLPAEIFLLPPPMEESQPPPETELPLPPP
PALQGDDELGLLPPPPPGFDPDEPSWVPAAYLEKVVTLYPYTRQKDNELSFSEGTVICVTRRYSDGWCEGV
SSEGTGFFPGNYVEPSC

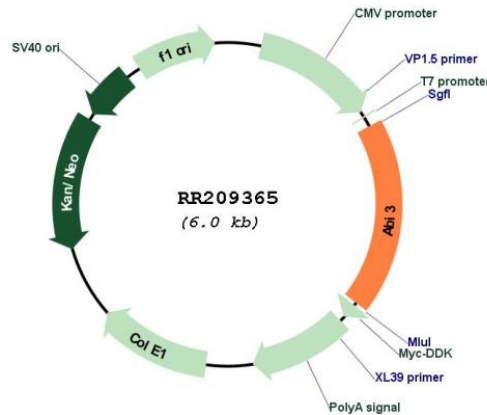
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001013118

ORF Size:	1101 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_001013118.1 , NP_001013136.1
RefSeq Size:	1708 bp
RefSeq ORF:	1104 bp
Locus ID:	303476
Cytogenetics:	10q26
MW:	39.1 kDa