

Product datasheet for **RR201988**

Keap1 (NM_057152) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Keap1 (NM_057152) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Keap1
Synonyms:	Inrf2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR201988 representing NM_057152
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCGAACCCAAGCCTAGCGGGGCTCCCCGCAGCAGCCAGTTCTGCCCTGTGGTCAAAGTGCC
 CGGAGGGGGCAGGGGACGCGGTGATGTATGCATCCACGGAGTGAAGCGGAGGTGACGCCCTCGCAGGA
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 ACCTGTCCGAAGCAAATTGATCAACAAAACCTGTACCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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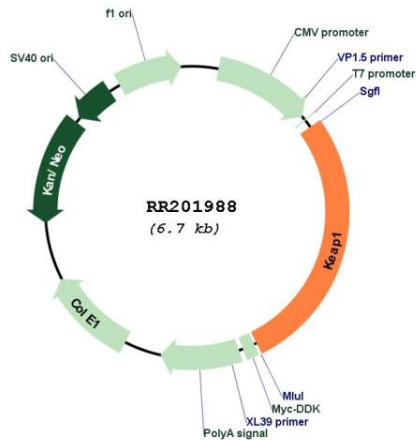
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 YTASISVGEKCVLHVMNGAVMYQIDSVVRACSDFLVQQLDPSNAIGIANFAEQIGCTELHQRAREYIYMH
 FGEEEFNLSHCQLATLISRDDLNVRCSEVFNHACIDWVKYDCPQRRFYVQALLRAVRCHALTPRFLQTQ
 LQKCEILQADARCKDYLQIFQELTLHKPTQAVPCRAPKVGRLIYTAGGYFRQSLSYLEAYNPSNGSWLR
 LADLQVPRSLAGCVVGGLLYAVGGRNNSPDGNTDSSALDCYNPMTNQWSPCASMVPRNRIGVGVIDGH
 IYAVGGSHGCIHHSSVERYEPDRDEWHLVAPMLTRRIGVGVAVLNRLLYAVGGFDGTRNLNSAECYPER
 NEWRMITPMNIRSGAGVCVLHSCIIYAAGGYDGDQLNSVERYDVETETWTFVASMKHRRSALGIAVHQG
 RIYVLLGGYDGHFLDSVECYDPTDTWSEVTRLTSGRSGVGVAVTMEPCRKQIDQNCCTC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

MW: 69.1 kDa

Gene Summary: binds nuclear transcription factor Nrf2 and retains it in the cytoplasm thus inhibiting it from functioning in the nucleus [RGD, Feb 2006]

Product images:



Circular map for RR201988