

Product datasheet for **MR208135**

Prim2 (NM_008922) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prim2 (NM_008922) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prim2
Synonyms:	A1323589
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208135 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCAGTTCTCAGGAAGGATCCGGAAGAAGCTGCGATTGGCGGGTGACCAGAGAAATGCTAGTTACCTC
 ACAGCCTTCAGTTTTACCTGCAGCCGCTACTGAAACATATCGTTGACGGAGTTTGAAAACCTGGCTTT
 TGACAGAGTTAAATTGCTTAAAGCAATTGAGAACCCTCGGTGTGAGCTATGTGAAAGGAACCGAACATAC
 CAGAGTAAATTGGAGGCCGAGATTCGAAAGCTCAAGTTTTCTACAGAGAGAACCCTGGAGGATGAGTATG
 AGCCACGGCGAAGGGACCACATCTCCACTTTATCCTACGCCCTCGGCTACTGCCAGTCGGAAGATCTTAG
 ACGATGGTTTATTCAACAAGAAATGGATCTGCTTCGGTTTCGATTCAGTATTTTACCAAAGGATAAAGTC
 CAGAGTTTCTGAAGGATAGTCATTTGCATTTTGAGGCTATCAGTGACGAGGAGAAGACCCTTCGGGAAC
 AGGATATCATGGCGTCTCTCAAGCCTAAGTGGGATCAAGTTGGAGTCAGAGTCAGTTTATAAGGTCCC
 CTTTGCTGATGCTCTGGACCTGTTGAGGAAGGAAAGTCTACTTGAAGATGGCTTTGCTTATGTCCA
 CTTAAGGACATCGTGGCCATTATCTTGAACGAGTTTAGAGCCACGCTGTCTAAGGCTTTGGCACTAACGG
 CCAGGTCGCTGCCTGCTGTGAGTCCGATGAACGACTTACGCTCTGCTCAACCACCTCAGTCATTCTTA
 CACTGGTCAAGATTATAGTACCCAGAAGAACCAGGCAAGATTTCCCTTAGATCAGATTGATTGCTGCTCT
 ACAAAATCCTTCCCACCTTGCATGCGTCAGCTGCACAAGGCGCTGAGGGAGAACCACCATCTCCGTCACG
 GAGGCCGATGCACTACGGCCTGTTCTCAAGGCGATTGGGCTAACGCTGGAGCAGGCATTGCAAGTTCTG
 GAAGCAGGAGTTTATCAGAGGAAAGATGGACCCAGACAAGTTTGATAAAGGTTACTCTTACAATATCCGG
 CATAGCTTCGGAAGGAAGCAAGAGGACAGACTATACGCCTTTCAGTTGCATGAAGATTATCCTGACCA
 ACCCAGGCAAGGGGATTATCATGGGTGCCCTTCCGTCACAGTGATGCAGAGCTGCTGAAGCAGAA
 GATGCAGTCTACAAGATCCCTGCCTCGGGGATCAGCCAGATTTTGGATTTGGTAAAGGGGAATCATTAC
 CAAGTAGCCTGTGAGAAGTACTTCGAGATGACACATAATGTGGACGATTGTGGCTTTTCTTGAATCATC
 CAAATCAGTTCTTTTTGAGAGCCAGCGCATCCTAACTGGTGGCAAAGATATCAAGAAGGAAATCAGTCA
 GCCAGAAACACCTCAGCACAACCTAGCACCCAGAAGACCAGGGATGCTGCATCTGCGCTGGCCTCCCTA
 GACTCCTCCCTGGAAATGGACCTGGAGGGGCTGGAAGGTAAGTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208135 protein sequence
 Red=Cloning site Green=Tags(s)

MQFSGRIRKLRRLAGDQRNASYPHSLQFYLPPTENISLTEFENLAFDRVKLLKAIENLGVSYVKGTEQY
 QSKLEAEIRKLFKFSYRENLEDEYPRRRDHI SHF ILRLAYCQSEDLRRWF IQQEMDLLRFRFSILPKDKV
 QSFLKDSHLHFEAISDEEKTREQDIMASSPSLSGIKLESESVYKVPFADALDLFRGRKVVYLEDGFAYVP
 LKDIVAIILNEFRATLSKALALTARSLPAVQSDERLQPLLNHL SHSYTGQDYSTQKNTGKISLDQIDSL
 TKSFPPCMRQLHKALRENHHLRHGGRMQYGLFLKGI GLTLEQALQFWKQEFIRGKMDPKDFDKGYSYNIR
 HSFGEKGRDYTPFSCMKIILTNPPGGDYHGCPFRHSDAELLKQKMQSYKIPASGISQLDLVKGNYH
 QVACQKYFEMTHNVDDCGFSLNHPNQFFESQRILTGKDIKKEISQPETPQHKPSTQKTRDAASALASL
 DSSLEMDLEGLEEYF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

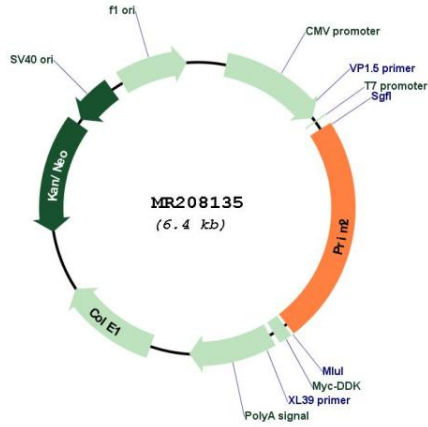
Restriction Sites:

Sgfl-Mlul

MW: 58.4 kDa

Gene Summary: DNA primase is the polymerase that synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208135