

Product datasheet for MR224411

Kera (NM_008438) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kera (NM_008438) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kera
Synonyms:	CNA2; SLRR2B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224411 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAACCCCAAAGTGTAACTCTGGGTGTTACTCATAGCAGATACTGTGTGGACACAGAGTGTGA
GACAGGCCTATGAAATACAGGACCCAGAGGACTGGGATGTCCACGACGACTTCTATTGTCCCAGAGAATG
CTTCTGCTCCAGTTTCCCTACTGCCTTATACTGTGAGAACAGAGGTCTCACAGAAATCCCTCCTATT
CCTTCAAGGATCTGGTACCTCTACCTGGAAAACAACCTGATTGAATCCATACCAGAGAAGCCCTTTGAGA
ATGCCACCCAGCTGAGATGGATCAATTTAAACAAGAACAAAATAACCAACTACGGGATTGAGAAGGGGGC
CCTGAGCCAGCTAAAGAACTTCTTTTCTGTTTCTTGAAGACAATGAGCTAGAGGAGGTACCTTCTCCA
TTGCCAAGAAGTTTGAACAATTACAATTAGCTAGAAAACAAAGTATCCAGAATCCCTCAGGGGACCTTCA
GTAATCTGAAAAACCTGACCTTCTTGTACTGCAGCATAACAACTATTAGACAACGCCCTTCAAAGAGA
TACTTTCAAGGGCCTTAAGAACCTCATGCAGTTAAATATGGCGAAGAATGCCCTGAGGAACATGCCCCCA
AGATTACCAGCCAACCCATGCAACTCTTCTAGACAACAACTCCATTGAAGGAATACCTGAAAATTATT
TCAATGTGATTCCTAAGGTGGCTTCTGAGGCTCAACCACAACAACTATCAGATGCAGGTCTCCCGTC
GAGGGGTTTTGATGTGCATCCATTCTGGATCTCAACTGTCTTACAACCACTCACAACTTTCCCGA
ATCAATGCTAACCTGCAGCACCTTACCTTGATCACAACAAAATTAATAATGTGAACATGCTGTGAATAT
GTCCCACCACTGCGTGCAGAACAGGATGCCTTCATTACGGACCACAACCTGAGCTACCTGCGTCTGGA
TGGGAATGAAATCAAGCCACCGATCCCGATAGATTTGGTGGCTTCTTCAAGCTTCTCAGGCTTTCATA
ATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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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_008438.3](#), [NP_032464.1](#)

RefSeq Size: 1950 bp

RefSeq ORF: 1056 bp

Locus ID: 16545

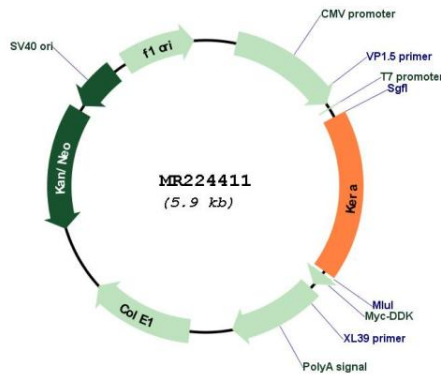
UniProt ID: [O35367](#)

Cytogenetics: 10 50.34 cM

MW: 40.4 kDa

Gene Summary: May be important in developing and maintaining corneal transparency and for the structure of the stromal matrix.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224411