

Product datasheet for MC208819

Kera (NM_008438) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Kera (NM_008438) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Kera
 Synonyms: CNA2; SLRR2B
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC208819 representing NM_008438
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGCAACCCAAACTGTTTAATACTCTGGGTGTTACTCATAGCAGATACTGTGTGGACACAGAGTGTGA
 GACAGGCCATGAAATACAGGACCCAGAGGACTGGGATGTCCACGACGACTTCTATTGTCCCAGAGAATG
 CTTCTGTCTCCAGTTCCCTACTGCCTTATACTGTGAGAACAGAGGTCTCACAGAAATCCCTCTATT
 CCTTCAAGGATCTGGTACCTCTACTGGAAAACACCTGATTGAATCCATACCAGAGAAGCCCTTTGAGA
 ATGCCACCCAGCTGAGATGGATCAATTTAAACAAGAACAAAATAACCAACTACGGGATTGAGAAGGGGGC
 CCTGAGCCAGCTAAAGAACTTCTTTCTGTTTCTTGAAGACAATGAGCTAGAGGAGGTACCTTCTCCA
 TTGCCAAGAAGTTTGAACAATTACAATTAGCTAGAAACAAAGTATCCAGAATCCCTCAGGGGACCTTCA
 GTAATCTGGAAAACCTGACCTTCTTGATCTGCAGCATAACAACTATTAGACAACGCCTTTCAAAGAGA
 TACTTTCAAGGGCCTTAAGAACCTCATGCAGTTAAATATGGCGAAGAATGCCCTGAGGAACATGCCCCCA
 AGATTACCAGCCAACACCATGCAACTCTTCTAGACAACAACTCCATTGAAGGAATACCTGAAAAATTATT
 TCAATGTGATTCCTAAGGTGGCTTCTGAGGCTCAACCACAACAACTATCAGATGCAGGTCTCCCGTC
 GAGGGGTTTTGATGTGCATCCATTCTGGATCTTCAACTGTCTTACAACAGCTCACAACTTTCCCCGA
 ATCAATGTAACCTGCAGCACCTTACCTTGATCACAACAAAATAAAAATGTGAACATGTCTGTAATAT
 GTCCCACCACACTGCGTGCAAGACAGGATGCCTTCATTACCGACCACAACCTGAGCTACCTGCGTCTGGA
 TGGGAATGAAATCAAGCCACCGATCCCGATAGATTTGGTGGCTTCTTCAAGCTTCTTCAGGCTTTCATA
 ATATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_008438



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Insert Size:	1056 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_008438.3, NP_032464.1</u>
RefSeq Size:	1950 bp
RefSeq ORF:	1056 bp
Locus ID:	16545
UniProt ID:	<u>O35367</u>
Cytogenetics:	10 50.34 cM
Gene Summary:	May be important in developing and maintaining corneal transparency and for the structure of the stromal matrix.[UniProtKB/Swiss-Prot Function]