

## Product datasheet for **RN203349**

### **Kremen1 (NM\_053649) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kremen1 (NM_053649) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kremen1
Synonyms:	Kremen
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203349 representing NM\_053649  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCCGCCGCCGCCGCCCTCGCGTCTCCGCCCTGCGCTCACTCTGGCGGCCGCCGCCGCAC  
 CCGGTCCCGCCCCAGCCCCGAGTGTTCACAGCCAATGGTGCAGATTATAGGGGAACACAGAGCTGGAC  
 AGCACTGCAAGGTGGCAAGCCATGTCTGTTCTGGAACGAGACTTCCAGCATCCATAACAACACTGAAA  
 TACCCCAACGGGAAGGAGGTCTGGGTGAGCATAACTATTGCAGAAATCCAGATGGAGATGTGAGCCCTT  
 GGTGCTACGTGGCAGAGCATGAGGATGGCGTCTACTGGAAGTACTGTGAAATTCCTGCGTGTGAGTGC  
 TGGAAACCTTGGCTGCTACAAGGATCATGGAACCCACCTCCTCTCACGGGCACCAGTAAGACGTCCAAC  
 AAGCTCACCATCCAACTGTATCAGCTTTTGTGGAGTCAAGATTCAAGTTTGTGGATGGAGTCAAG  
 GCTACGCATGCTTCTGTGGGAATAATCCTGACTACTGGAAGCACGGGGAGGCAGCCAGCACCAGTGC  
 TAATGTCTGCTTGGGGACCACACGAGCCCTGCGGTGGGGACGGCAGGATTATCCTCTTTGACACTCTC  
 GTGGGCGCTGCGGTGGGAACACTCCTCCATGGCAGCTGTGGTCTACTCTCCTGACTTCCCTGACACCT  
 ACGCCACTGGGAGGGTCTGCTACTGGACTATCCGGTTCCAGGAGCCTCTCGCATCCATTCAACTTCAC  
 GATATTCGATATCAGGGATTCTGCAGACATGGTGGAGTCTGGGACGGTACACCCACCGCTCCTGGTC  
 CGCTTCGACGGCAGGAGCCGTCCACCTCTGTCTTCAATGTCTCTCTGGACTTCGTATTTTATATTTCT  
 TCTCTGATCGCATCAACCAGGCCAGGGATTGCTGTCTTGTACCAAGCCACCAAGGAAGAACCTCCACA  
 GGAGAGGCTGTATCAACCAGACCCTGGCAGAGGTGATCAGGAACAAGCCAACTCAGCGTCAAGCGT  
 GCCACTCTTCCAAGTCTCTATGTCATCACCTCCAGCCCCAGCCACCCACCGCAGACCGTCCCAGGTA  
 GCCATTCTGGGTACCATCAGTTGGGGCAGCGGCCACAGAGTGAAGGATGGACCGTGTATGGCCTGGC  
 CACCCTCCTCATCTCACAGTCAAGCCGTTGTGGCAAAGATCCTTCTGCACGTGACGTTTAAATCTCAT  
 CGAGTTACTGCTCAGGAGACCTTAGGGACTGTGCCAGCCTGGGACTTCTGGGAGATCTGGACATTT  
 TCTATGAACCCTCCACTACAATCTATCTTTAAGAAGAAGTCAAGGGTCAGAGTCAACAAGATGACCG  
 TAACCCCTCGTGAGTGA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_053649
- Insert Size:** 1422 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:**
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\\_053649.1](#), [NP\\_446101.1](#)

RefSeq Size: 2045 bp

RefSeq ORF: 1422 bp

Locus ID: 114107

UniProt ID: [Q924S4](#)

Cytogenetics: 14q21

Gene Summary: a novel type-I transmembrane protein; may be involved in regulation of cellular responses in neuronal and/or muscle cells [RGD, Feb 2006]