

Product datasheet for MC211194

Kazn (NM_001109684) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kazn (NM_001109684) Mouse Untagged Clone
Tag: Tag Free
Symbol: Kazn
Synonyms: 2310007B04Rik; 9030409G11Rik; AI256607; AI666764; AW061099; Kaz; Kazrin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211194 representing NM_001109684
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGGAAGACAATAAGCAGCTCGCGCTCCGCATCGATGGGGCGGTCCAGTCGGCCAGCCAGGAGGTGA
 CCAACCTGCGAGCCGAACACTCACGGCCACCAACCGGAGACTGGCGGAATTGAGCGGCGGAGCGGCCGCC
 CGGCTCGGGCCCGGAGCTGCGACCAGCGCCTCGGCAGCAGCGGTGACGGTGGCTGACTCGGCAGTGGCG
 ACCATGGAGAACCATCAGCACGGAGCTCAAGTGCCTCCTGCGGGAGGAAGTGGTCCAGCTTCAAGAGGAAG
 TGCACCTTCTCCGGCAGATGAAGGAAATGCTGGCGAAGGACCTGGAGGAGTACAGGGCGGCAAGTGTCT
 TGAGGTCTCTCAGCCACTGAGCTCCGGGTGACGCTGGTACAGAAGGAGCAGGAAGTGGCCAGAGCCAAA
 GAAGCCTTGCAAGCCATGAAAGCTGACCGGAAGCGCTTAAAGGGCGAGAAGACTGACCTGGTGAGCCAGA
 TGCAGCAGCTGTACGCCACGCTGGAGAGCCGCGAGGAGCAGTTGCGAGACTTCATCCGAACTATGAGCA
 GCACCGCAAGGAGAGTGAAGACGCAGTCAAAGCACTGGCCAAGGAGAAGGACCTGCTGGAGCGAGAGAAG
 TGGGAGCTTCGACGGCAGGCCAAGGAAGCCACAGACCATGCTGCGGCCCTGCGCTCCAGCTGGACCTCA
 AGGACAACCGCATGAAGGAGCTGGAGCGGAGCTCGCCATGGCCAAGCAGTCCCTTAGCCACTGTACCCAA
 GGATGTCCCAAGAGGCATTCCCTCGCCATGCCCGGTGAGACGGTGTCAATGGCAACCAGGAATGGGTG
 GTGCAGGCTGACCTCCCACTGACTGCTGCCATCCGGCAAAGCCAACAGACTCTCTACCACTCACACCCTC
 CCCACCCTGCAGACCGGCAAGTCAAGGTGAGCCCTGCCACTCAAGACAGCCCTCCGTCTCTGTATGC
 TTCTGCTGCTGAAGGTGACCGGTGATCTACACCAAGCGACATCAACTCCCAAGACACCGGACACTCC
 CTCTGCAACGGGACAGTCCCGGCCAGTTCAGAAGAGCCTACACAACCCTATTGTACAGTCACTAGAGG
 ATCTTGAAGACCAAAAACGAAAAAGAAGAAGGAGAAGATGGGATTCGGTCCATCTCTCGAGTCTTCGC
 CAGAGGGAAGCAACGGAAGTCCCTCGACCCGGGCTCTTTGATGGTACCGCCCTGATTATTACATAGAG
 GAAGACCGGACTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001109684
Insert Size:	1278 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_001109684.1</u> , <u>NP_001103154.1</u>
RefSeq Size:	3841 bp
RefSeq ORF:	1278 bp
Locus ID:	71529
UniProt ID:	<u>Q69ZS8</u>
Cytogenetics:	4 E1
Gene Summary:	<p>Component of the cornified envelope of keratinocytes. May be involved in the interplay between adherens junctions and desmosomes. The function in the nucleus is not known. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2, also known as A) lacks several 3' coding exons and its transcription extends past a splice site that is used in variant 1. These changes result in a novel 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1.</p>