

Product datasheet for **MC221577**

Kazn (NM_144531) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kazn (NM_144531) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kazn
Synonyms:	2310007B04Rik; 9030409G11Rik; AI256607; AI666764; AW061099; Kaz; Kazrin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221577 representing NM_144531
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGAAGACAATAAGCAGCTCGCGCTCCGCATCGATGGGGCGGTCCAGTCGCCAGCCAGGAGGTGA
 CCAACCTGCGAGCCGAACCTCACGGCCACCAACCGGAGACTGGCGGAATTGAGCGGCGGAGCGGCCGCC
 CGGCTCGGGCCCGGAGCTGCGACCAGCCCTCGGCAGCAGCGGTGACGGTGGCTGACTCGGCAGTGGCG
 ACCATGGAGAACCATCAGCACGGAGCTCAAGTGTCTCTGCGGGAGGAAGTGGTCCAGCTTCAAGAGGAAG
 TGCACCTTCTCCGCAGATGAAGGAAATGCTGGCGAAGGACCTGGAGGAGTACAGGGCGGCAAGTGTCT
 TGAGGTCTCTCAGCCACTGAGCTCCGGGTGCAGCTGGTACAGAAGGAGCAGGAAGTGGCCAGAGCCAAA
 GAAGCCTTGCAAGCCATGAAAGCTGACCGAAGCGCTTAAAGGGCGAGAAGACTGACCTGGTGGCCAGA
 TGCAGCAGCTGTACGCCAGCTGGAGAGCCGCGAGGAGCAGTTGCGAGACTTCATCCGCAACTATGAGCA
 GCACCGCAAGGAGAGTGAAGACGAGTCAAAGCACTGGCCAAGGAGAAGGACCTGCTGGAGCGAGAGAAG
 TGGGAGCTTCGACGGCAGGCCAAGGAAGCCACAGACCATGCTGCGGCCCTGCGCTCCCAGCTGGACCTCA
 AGGACAACCCGATGAAGGAGCTGGAGGGGAGCTCGCCATGGCCAAGCAGTCTTAGCCACTCTGACCAA
 GGATGTCCCAAGAGGCATTCCCTCGCCATGCCCGGTGAGACGGTCTCAATGGCAACCAGGAATGGGTG
 GTGACGGTGAACCTCCCAGTGTGCTGCCATCCGGCAAAGCCAAACAGACTCTCTACCACTCACACCCTC
 CCCACCCTGCAGACCGGCAAGTCAAGGTGAGCCCTGCCACTCAAGACAGCCCTCCGTCTCTGATGC
 TTCTGTGCTGAAGGTGACCGGTCTACACCAAGCGACATCAACTCCCAAGACACGGACACACTCC
 CTCTGCAACGGCGACAGTCCCGCCAGTTTCAAGAGCCTACACAACCCATTGTACAGTCACTAGAGG
 ATCTTGAAGACAAAAACGGAAAAAGAAGGAGAAGATGGGATTCGGTCCATCTCTCGAGTCTTCGC
 CAGAGGGAAGCAACGGAAGTCCCTCGACCGGGCCTCTTTGATGACTCCGACAGCCAGTGCAGCCCCACA
 CGCCACAGCCTCAGCCTGTCTGAGGGAGAGGAGCAGATGGACCGTCTGCAGCACGTGGAGCTGGTGAAG
 CCACGCCCATGTGCACTGGAAGGCTGGCACAGTGCAGGCCTGGCTGGAGGTGGTATGGCCATGCCCAT
 GTACGTCAAGGCCTGTGCAGAAAATGTCAAGAGTGGGAAGGTGCTTCTCAGCCTGAGTGCAGGACCTG
 GAGTTGGGCTGGGAGTGTGAGCTCCTTGACAGGCGCAAGCTCCGCCTGGCCATTGAGGACTACCGAG
 ATGCTGAGGCAGGCCGAGCCTGTCCAAGCTGCCGACCTGGACCATCACTGGGTGGCCAAGGCCTGGCT
 GAATGACATTGGCCTGTCCAGTATTCCAGGCCTTCCAGAACCACCTGGTTGATGGGAGGATGCTGAAT
 TCACTGATGAAGCGGGACCTGGAGAAACACCTGAACGTGTCCAAGAAGTCCACCAAGTTAGCATCTTGC
 TGGGAATTGAGCTGCTGTACCAAGTGAACCTCAGCAGGGAGGCTCTCCAGGAGCGCAGAGCCCGCTGTGA
 AACACAGAACACAGACCCTGTGGTCTGGACCAACCAGCGGGTGTCAAGTGGGTGCGGATATCGACCTG
 AAGGAGTATGCAGACAACCTGACCAATAGCGGTGTCCATGGTGTGTGCTGGTCCCTGGAGCCACATTCA
 ATGCCGAGGCCATGGCCACCGCCCTGGGCATCCCAGCGGGAAGCACATACTCAGGAGACACCTGGCAGA
 GGAGATGAGCACCATCTCCATCCATCCAACTCCACAGGCATCCGGGAGTCTGAGCGCTTTGGGACACCA
 CCTGGCAGGGCCTTAGCATCACCAGAGCTGGGAGAGAGGACAGTGGGGCAATAGCAAGCACAGAGCTG
 GCCGGCTGCCCTGGGGAAGATAGGAAGGGCTTCAGCAGCAAAGAGCCCGATTTCCATGATGACTATGG
 CTCTCTGGAGAACGAGGACTGTGGGATGAGGACCTCCAAGGCAGGCCGGAACAGTCCCGTCTGGAGGGA
 TACGGCAGCTTGGAGTCAACCAATGTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_144531
 Insert Size: 2340 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:	NM_144531.3 , NP_653114.3
RefSeq Size:	4914 bp
RefSeq ORF:	2340 bp
Locus ID:	71529
UniProt ID:	Q69ZS8
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 (1) represents the longest transcript and encodes the longest isoform (1).</p>