

Product datasheet for **RN207152**

Kazn (NM_001014070) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kazn (NM_001014070) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kazn
Synonyms:	Kaz
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207152 representing NM_001014070
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGATGGAAGACAATAAGCAGCTCGCGCTCCGCATCGATGGGGCGGTCCAGTCGGCCAGCCAGGAGGTGA
 CCAACCTGCGAGCCGAACCTACGGCCACCAACCGGAGACTGGCGGAATTGAGCGCGGAGGCGCGGCC
 CGGCTCGGGCCCGGAGCTGCGACCAGCGCCTCGGCAGCAGCGGTGACGGTGGCTGACTCGGCGGTGGCG
 ACCATGGAGAACCATCAGCACGGAGCTCAAGTGCTCCTGCGGGAGGAAGTGGTCCAGCTTCAGGAGGAAG
 TCCACCTTCTCCGACAGATGAAGGAAATGCTGGCAAAGGACCTAGAGGAGTCACAGGGCGGCAAATGCTC
 CGAGGTGCTGTCGGCCACTGAACTCCGGGTGCAGCTGGTACAGAAGGAGCAGGAGCTGGCCAGAGCCAGG
 GAAGCCTTGCAAGCCATGAAAGCTGACCGGAAGCGCTTAAAGGGCGAGAAGACCGACCTGGTGAGCCAGA
 TGCAGCAGTTGTACGCCACGCTGGAGAGCCGCGAGGAGCAGTTGCGAGACTTCATCCGCAACTATGAACA
 ACACCGCAAGGAGAGTGAGGATGCTGTCAAAGCGCTGGCCAAGGAGAAAGACCTGCTGGAGCGAGAGAAG
 TGGGAGCTCCGACGGCAGGCCAAGGAGGCCACGGACCATGCTGCGGCCCTGCGCTCCAGCTGGACCTCA
 AGGACAACCGCATGAAGGAGCTGGAGGCCGAGCTAGCCATGGCCAAGCAGTCCTTAGCCACACTGACCAA
 GGATGTTCCCAAGAGGCATTCACTCGCCATGCCCGCGAGACGGTCTCAATGGCAACCAGGAATGGGTG
 GTGCAGGTGACCTCCCACTGACTGCCGCCATCCGGCAGAGCCAAACAGACTCTCTACCACTCCCACTC
 CCCACCTGCGAGCCGACAAGCGGTGAGGTGAGCCCTGCCACTCAAGACAGCCTTCCGTATCTCTGA
 TGCTTCCGCTGCTGAAGTGACCGGTCTCTACACCGAGCGACATCAACTCCCAAGACACCGGACACAC
 TCCCTCTGCAACGGCGACAGTCCCGGCCAGTTTCAAGAGCCTACACAACCTATTGTACAGTCACTAG
 AGGATCTTGAAGACCAAAACGAAAAAGAAGAAAGAGAAGATGGGATTTGGCTCCATCTCTCGAGTCTT
 CGCCAGAGGGAACAAACGGAAGTCCCTCGACCCGGGCTCTTTGATGGTACCGCCCTGATTATTACATA
 GAGGAAGACGCGGACTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014070

Insert Size: 1281 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_001014070.2, NP_001014092.2

RefSeq Size: 3861 bp

RefSeq ORF: 1281 bp

Locus ID: 313672

UniProt ID: Q5FWS6

Cytogenetics: 5q36

Gene Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]