

Product datasheet for **SC318259**

Kazrin (KAZN) (NM_201628) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Kazrin
Synonyms:	C1orf196; KAZ
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>SC318259 representing NM_201628.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGGAAGACAATAAGCAGCTCGCGCTCCGCATCGATGGGGCGGTCCAGTCGGCCAGCCAGGAGGTG
ACCAACCTGCGAGCCGAACCTACCGCCACCAACCGGAGACTGGCGGAACAGAGCGCGCGCGGCC
GGCCCCGGGCGCGGAGCCGCGGCCAGCGCCTCGGCGGCGGGGACTCGGCGGCGACGAACATGGAGAAC
CCCCAGCTTGGAGCGCAAGTGCTCCTGCGGGAAGAAGTGTCGCGGCTCCAGGAGGAAGTTACCTTCTC
CGGCAGATGAAGGAGATGTTGGCGAAGGACCTGGAGGAGTCGACGGGCGGCAAGTCTCTGAGGTCTC
TCGGCCACCGAGCTCAGGGTCCAGCTGGCCAGAAGGAGCAGGAGCTAGCCAGAGCCAAAGAAGCCTTG
CAGGCCATGAAAGCTGATCGGAAGCGCTTAAAGGGCGAGAAGACAGACCTGGTGAGCCAGATGCAGCAG
CTGTATGCCACACTGGAGAGCCGCGAGGAGCAGCTCCGAGACTTCATCCGCAACTATGAGCAGCACCGC
AAGGAGAGCGAGGATGCGGTCAAAGCGCTGGCCAAGGAGAAGGACCTGCTGGAGCGTGAGAAGTGGGAG
CTGCGGCGCCAAGCCAAGGAGGCCACAGACCACGCCACGGCACTGCGCTCCAGCTGGACCTCAAGGAC
AACCAGATGAAGGAGCTGGAGGCCGAGCTGGCCATGGCCAAACAGTCCTTAGCTACGCTGACCAAGGAC
GTCCCCAAGCGGCATTCCCTCGCCATGCCGGGCGAGACGGTGCTCAATGGCAACCAGGAGTGGTGGTG
CAGGCGGACCTCCCGTGACCGCAGCCATCCGGCAGAGTCAACAGACTCTCTACCACTCACACCCCT
CACCTGCGGACCGGCAAGCGGTGAGGGTGAAGCCCTGCCACTCCCGGAGCCCTCTGTATCTCCGAG
GCATCTGCCGCCGAAGGCGACCGGTGTCACACCGAGCGACATCAACTCCCTCGACACCGGACACAC
TCCCTCTGCAACGCGCAGAGTCCCGGCCAGTTTCAAGAAGCTGCACAACCTATTGTACAGTCACTA
GAGGATCTTGAAGACAAAACGAAAAAGAAGAAAGAGAAGATGGGATTCGGCTCCATCTCCCGCTC
TTCGCCAGAGGGAAGCAGCGGAAGTCCCTCGACCCCGCCTCTTTGATGACTCGGACAGCCAGTGCAGC
CCCACGCGGCGAGACCTCAGCCTGTGGAAGGCGAGGAGCAGATGGACCGGCTGCAGCAGGTGGAGCTG
GTGAGGACCAACCTATGTCCCACTGGAAGGCGGGCACCGTCCAGGCTGGCTGGAGGTGGTATGGCC
ATGCCTATGTACGTCAAGGCTGCACGGAGAAGCTGAAGAGCGGGAAGGTGCTGCTGAGCCTGAGTGAC
GAGGACCTGCAGCTGGGCTTGGGGTGTGAGCTCCCTGCACCGGCGCAAGCTGCGCCTGGCCATCGAG
GACTACCGTGATGCCGAGGCGAGGCCGAGCCTGTCCAAAGCTGCCGAGCTGGACCATCACTGGGTGGCC
AAGGCTGGCTGAATGACATTGGCCTGTCCAGTACTCCAGGCTTTTCAAGCAACCTGGTGTATGGG
CGGATGCTGAATCCCTGATGAAGCGAGACCTGGAGAAGCAGCTGAACGTGTCCAAGAAGTCCACCAG
GTCAGCATCTGCTGGGATCGAGTGTGTACCAAGTGAACCTCAGCAGGAGGCCCTCCAGGAGCGC
CGGGCCCGCTGCGAGACGAGAACATTGACCCCGTGGTGTGGACCAACAGCGGGTGTCAAGTGGGTT
CGAGACATCGACCTGAAGGAGTACGAGACAACCTGACCAACAGCGGCGTCCATGGTGTGTGCTGGTG
CTGGAGCCACATTCATGCGGAGGCCATGGCCACTGCCCTGGGCATCCCAAGTGGGAAGCAGATCTC
CGGAGACACTGGCAGAGGAGATGAGCGCGCTTCCACCCAGCCAACCTCCAGGCATCCGGGAGGCT
GAGCGTTTTTGAACGCCCCCTGGCAGGGCCTCCAGCGTCACGCGGGCAGGAAAGGAGGAGAACAGCAGC
GGTCTCAAGTACAAGGCTGGCCGGCTGCCCTGGGGAAGATAGGAAGGGCTTCAGCAGCAAAGATCCC
GATTTCCATGATGACTATGGCTCTCTTCAAACGAAGATTGCGGAGACGATGACCCCGAGCAGGCTG
GAACAGTCCCGTCTGGAAGGCTACAACAGCCTGGAGGTACCAACGTGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_201628

Insert Size:

2328 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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_201628.2</u>
RefSeq Size:	6047 bp
RefSeq ORF:	2328 bp
Locus ID:	23254
UniProt ID:	<u>Q674X7</u>
Cytogenetics:	1p36.21
MW:	86.4 kDa
Gene Summary:	This gene encodes a protein that plays a role in desmosome assembly, cell adhesion, cytoskeletal organization, and epidermal differentiation. This protein co-localizes with desmoplakin and the cytolinker protein periplakin. In general, this protein localizes to the nucleus, desmosomes, cell membrane, and cortical actin-based structures. Some isoforms of this protein also associate with microtubules. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but their biological validity has not been verified. [provided by RefSeq, Aug 2011] Transcript Variant: This variant (E) represents the longest transcript and encodes the longest isoform (E). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.