

Product datasheet for **SC332335**

Cytokeratin 8 (KRT8) (NM_001256282) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cytokeratin 8 (KRT8) (NM_001256282) Human Untagged Clone
Tag: Tag Free
Symbol: Cytokeratin 8
Synonyms: CARD2; CK-8; CK8; CYK8; K2C8; K8; KO
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332335 representing NM_001256282.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGAATGGGGTGAGCTGGAGCCAGGACCTGCAGGAAGGGATCTCCGCTGGTTCGGCCCGCTGCCTCC
ACTCCTGCCTCTACCATGTCCATCAGGGTGACCCAGAAGTCTACAAGGTGTCCACCTCTGGCCCCGG
GCCTTCAGCAGCCGCTCTACACGAGTGGGCCCGGTTCCCGCATCAGCTCCTCGAGCTTCTCCCGAGTG
GGCAGCAGCAACTTTCGCGGTGGCTGGCGCGGCTATGGTGGGGCCAGCGGCATGGGAGGCATCACC
GCAGTTACGGTCAACCAGAGCCTGCTGAGCCCCCTTGTCTGGAGGTGGACCCCAACATCCAGGCCGTG
CGCACCCAGGAGAAGGAGCAGATCAAGACCCTCAACAACAAGTTGCCTCCTTCATAGACAAGGTACGG
TTCTGGAGCAGCAGAACAAGATGCTGGAGACCAAGTGGAGCCTCCTGCAGCAGCAGAAGACGGCTCGA
AGCAACATGGACAACATGTTTCGAGAGCTACATCAACAACCTTAGCGCGCAGCTGGAGACTCTGGCCAG
GAGAAGCTGAAGCTGGAGGCGGAGCTTGGCAACATGCAGGGGCTGGTGGAGGACTTCAAGAACAAGTAT
GAGGATGAGATCAATAAGCGTACAGAGATGGAGAACGAATTTGTCTCATCAAGAAGGATGTGGATGAA
GCTTACATGAACAAGGTAGAGCTGGAGTCTCGCCTGGAAGGGCTGACCGACGAGATCAACTTCTCAGG
CAGCTATATGAAGAGGAGATCCGGGAGCTGCAGTCCCAGATCTCGACACATCTGTGGTGTCCATG
GACAACAGCCGCTCCCTGGACATGGACAGCATATTGCTGAGGTCAAGGCACAGTACGAGGATATTGCC
AACCGCAGCCGGGCTGAGGCTGAGAGCATGTACCAGATCAAGTATGAGGAGCTGCAGGCCTGGCTGGG
AAGCACGGGGATGACCTGCGGCGCACAAAGACTGAGATCTCTGAGATGAACCGGAACATCAGCCGGCTC
CAGGCTGAGATTGAGGGCCTCAAAGGCCAGAGGGCTTCCCTGGAGGCCGCCATTGAGATGCCGAGCAG
CGTGGAGAGCTGGCCATTAAGGATGCCAACGCCAAGTTGTCCGAGCTGGAGGCCGCCCTGCAGCGGGCC
AAGCAGGACATGGCGCGGAGCTGCGTGAGTACCAGGAGCTGATGAACGTCAAGCTGGCCCTGGACATC
GAGATCGCCACCTACAGGAAGCTGCTGGAGGGCGAGGAGAGCCGGCTGGAGTCTGGGATGCAGAACATG
AGTATTACATACGAAGACCACCAGCGCTATGCAGGTGGTCTGAGCTCGGCCTATGGGGCCCTCACAAGC
CCCGCCCTCAGCTACAGCCTGGGCTCCAGCTTTGGCTCTGGCGCGGGCTCCAGCTCCTTCAGCCGCACC
AGCTCCTCCAGGGCCGTGTTGTGAAGAAGATCGAGACACGTGATGGGAAGCTGGTGTCTGAGTCTCT
GACGCTCTGCCAAGTGA
  
```

Restriction Sites: SgfI-MluI
ACCN: NM_001256282
Insert Size: 1536 bp



[View online »](#)

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_001256282.1</u>
RefSeq Size:	1807 bp
RefSeq ORF:	1536 bp
Locus ID:	3856
Cytogenetics:	12q13.13
Protein Families:	Druggable Genome
MW:	56.6 kDa
Gene Summary:	<p>This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>