

Product datasheet for **SC307031**

KRT6L (KRT79) (NM_175834) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KRT6L (KRT79) (NM_175834) Human Untagged Clone
Tag:	Tag Free
Symbol:	KRT6L
Synonyms:	K6L; KRT6L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC307031 representing NM_175834.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGTCCTCCGTCTCTCGGCAAACTACTCCACAAAAGGGGGCTTCAGCTCCAACCTGCGCAGCGGA
GGGAGTGGGTCCCAGGCCCGCACCAGCTTCAGCTCAGTGACGGTGTCTCGGAGCAGTGCCAGTGGTGGC
GGGGCCCACTGTGGCCCCGGCACAGGTGGCTTTGGCAGCCGAAGCCTCTATAACTTGGGGGGCCACAAG
AGTATCTCTGTCACTGTGGCCGAGGGGCTTGTGGGGCGGGCTCTGGGGGGCTTTGGCTTTGGCAGC
AGGGCATTTATGGGACAGGGGGCTGGCAGGCAGACGTTTGGGCCTGCTTGTCTCTCTGGGGGATCCAG
GAGGTCAGTGTCAACAGAGCCTGCTGACCCCCCTCCATGTGGAGATTGACCCCGAGATCCAGCGAGTG
CGCACTCAGGAGCGGGAGCAGATCAAGACCTCAACAACAAGTTCGCCTCCTTCATCGACAAGGTGCGG
TTCCTGGAGCAACAGAATAAGGTGCTGGAGACCAAGTGGCAGTCTGCAGGAGCAGGGCCAGAATTG
GGTGTCAACAGGAACAACCTGGAGCCCCCTTTGAGGCCTACCTGGGTAGCATGCGGAGCAGCTGGAC
AGACTTCAGAGCGAGCGGGGAGGCTGGACTCAGAGCTCAGGAACGTGCAGGACCTTGTGGAGGACTTC
AAGAACAAGTACGAGGATGAAATCAACAAGCACACTGCTGCAGAGAACGAGTTTGTGGTGTCAAGAAG
GATGTGGATGCAGCATACATGGGCCGGATGGATCTGCATGGCAAAGTGGGCACCTTGACCCAGGAGATT
GACTTCCTGCAGCAACTCTATGAAATGGAGCTGAGCCAAGTGCAGACCCACGTGTCTAACACCAATGTG
GTGCTGTCCATGGACAACAACCGCAACCTGGACCTGGACAGCATCATCGCCGAGGTCAAGGCCAGTAT
GAGCTGATTGCCAGAGGAGCGGGCTGAGGCCGAGGCTGGTACCAGACCAAGTATGAGGAGCTGCAG
GTGACTGCTGGGAAGCATGGGGACAACCTGCGGGACACCAAGAAGCAGATTGCTGAGCTCACCAGCAGT
ATCCAGAGGCTGCAGGGGGAGGCTGATGCAGCCAAGAAGCAGTGTGAGCAGCTGCAGACGGCCATTGCG
GAAGCGGAGCAGCGTGGGAGCTGGCACTCAAGGATGCTCAGAAGAAGCTTGGGGATCTGGATGTGGCC
CTGCACCAAGGCCAAGGAGGACCTGACACGGCTGCTGCGTGACTACCAGGAGCTGATGAATGTCAAGCTG
GCCCTGGACGTGGAGATTGCCACCTACCCAAGCTTCTGGAGAGCGAGGAGAGCAGGATGTCTGGAGAA
TGTCCAGTGCAGTCAAGATTTCTGTGACTGGCAACTCCACCACTGTGTGCGGAGGTGGCGCAGCCAGC
TTTGGAGGTGGCATCTCCCTGGTGGGAGTGGGGGGGCCACCAAGGGTGGATTACGACACAAATGTGGGC
TATAGCACCGTCAAGGGAGGGCCAGTCTCTGCGGGCACCTCCATCTGCGGAAGACCACTACGGTCAAG
ACGTCCAGCCAGAGGTATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_175834

Insert Size: 1608 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.
RefSeq:	<u>NM_175834.2</u>
RefSeq Size:	2144 bp
RefSeq ORF:	1608 bp
Locus ID:	338785
UniProt ID:	<u>Q5XKE5</u>
Cytogenetics:	12q13.13
MW:	57.8 kDa
Gene Summary:	Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This gene encodes an epithelial keratin that is expressed in skeletal muscle, skin and scalp. The type II keratins are clustered in a region of chromosome 12q13.[provided by RefSeq, Jun 2009]