

## Product datasheet for **SC305636**

### **KRT71 (NM\_033448) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	KRT71 (NM_033448) Human Untagged Clone
Tag:	Tag Free
Symbol:	KRT71
Synonyms:	HYPT13; K6IRS1; KRT6IRS; KRT6IRS1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_033448 edited  
 GCTTTGTCTCCACCAGCAACATGAGCCGCCAATTCACCTGCAAGTCGGGAGCTGCCGCCA  
 AGGGGGGCTTCAGTGGCTGCTCAGCTGTGCTCTCAGGGGGCAGCTCATCCTCCTCCGGG  
 CAGGGAGCAAAGGGCTCAGTGGGGGCTTTGGCAGCCGGAGCCTCTACAGCCTGGGGGGT  
 TCCGGAGCCTCAATGTGGCCAGTGGCAGCGGAAGAGTGGAGGCTATGGATTTGGCCGG  
 GCCGGCCAGTGGCTTTGCTGGAAGCATGTTTGGCAGTGTGGCCCTGGGGCCTGTGTGCC  
 CAACTGTATGCCACCTGGAGGCATCCACCAGGTTACCGTCAATGAGAGCCTCCTGGCCC  
 CCTCAACGTGGAGCTGGACCCCGAGATCCAGAAAGTGCCTGCCAGGAGCGAGAGCAGA  
 TCAAGGCTCTGAACAACAAGTTCGCCTCCTTCATCGACAAGGTGCGGTTCTGGAGCAGC  
 AGAACCAGGTAAGTGGAGACCAAGTGGGAGCTGCTGCAGCAGCTGGACCTGAACAAGTGA  
 AGAACAACCTGGAGCCCATCCTCGAGGGCTACATCAGCAACCTGCCGAAGCAGCTGGAGA  
 CGCTGTCTGGGGACAGGGTGGAGCTGGACTCGGAGCTGAGGAATGTGCGGGACGTAGTGG  
 AGGACTACAAGAAGAGGTATGAGGAGGAAATCAACAAGCGGACAGCAGCAGAGAACGAGT  
 TTGTGCTGCTCAAGAAGGATGTGGATGTGCTTACGCCAATAAGGTGGAAGTGCAGGCCA  
 AGGTGGAATCCATGGACCAGGAGATCAAGTTCTCAGGTGTCTCTTTGAAGCCGAGATCA  
 CTAGATCCAGTCCCACATCAGTGACATGTCTGTATCCTGTCCATGGACAACAACCCGGA  
 ACCTAGACCTGGACAGCATCATTGACGAAGTCCGCACCCAGTATGAGGAGATTGCCTTGA  
 AGAGTAAGGCCGAGGCTGAGGCCCTGTACCAGACCAAGTTCGAAGAGCTTCAGCTGGCAG  
 CTGGCAGGCATGGGGACGACCTCAAAAACACCAAGAATGAAATCTCGGAGCTCACTCGGC  
 TCATCCAGAGAATCCGCTCAGAGATCGAGAACGTGAAGAAGCAGGCTTCCAACCTGGAGA  
 CAGCCATCGTGTATGCTGAGCAGCGGGGAGACAACGCCCTGAAGGATGCCCGGGCCAAGC  
 TGGACGAGCTGGAGGGCCCTGCACCAGGCCAAGGAGGAGCTGGCGCGGATGCTGCGCG  
 AGTACCAGGAGCTCATGAGCCTGAAGCTGGCCCTGGACATGGAGATGCCACCTATCGCA  
 AGCTACTGGAGAGCGAGGAGTGCAGGATGTCAGGAGAATTTCCCTCCCTGTGAGCATCT  
 CCATCATCAGCAGCACCAGTGGCGGCAAGTGGCTATGGCTTCCGGCCAGCATGGTCAGCG  
 GTGGCTATGTGGCCAACAGCAGCAACTGCATCTCTGGAGTGTGCAGCGTGAAGGCGGGG  
 AGGGCAGGAGCCGGGGCAGTGCCAACGATTACAAAGACACCCTGGGGAAGGGTTCCAGCC  
 TGAGTGCACCCTCAAGAAAACAGTCCGTAGAGAAGACTGCCCGGGCCCGCCTCATT  
 CCATGACCCGGCTCTGGATCCCACACTGTACTTCCCACAGCCACTCTCAGCTCCATCTC  
 CACCCTGTGGTCTGCTCCCATACACCTGGCACTGGCCTTGGCCACCCACTTCTCCAG  
 CCTGTGCTTCTGATCCTGGGAAGGCCTGGATGACCAAGCTTGGTGAATTCCTCCCTG  
 TACACACCCTATTAACCTCTGGCTGTGGTCCCCCAGCTACACCACCAGCCAGGTCCTG  
 GCTGCCAGCTTCTCCTCTGCCCAGCCTTAGCGCAGTCGCTAACTACTCTGCTGGGCT  
 C

**Restriction Sites:** Please inquire

**ACCN:** NM\_033448

**Insert Size:** 1900 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:** The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM\_033448.1.

**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\\_033448.1](#), [NP\\_258259.1](#)

**RefSeq Size:** 2255 bp

**RefSeq ORF:** 1572 bp

**Locus ID:** 112802

**UniProt ID:** [Q3SY84](#)

**Cytogenetics:** 12q13.13

**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 a protein that is expressed in the inner root sheath of hair follicles. The type II keratins are clustered in a region of chromosome 12q13.[provided by RefSeq, Jun 2009]