

## Product datasheet for **SC319929**

### **KCT2 (C5orf15) (NM\_020199) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	KCT2 (C5orf15) (NM_020199) Human Untagged Clone
Tag:	Tag Free
Symbol:	KCT2
Synonyms:	HTGN29; KCT2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_020199.1  
 CAGGCTCCAGCCGAGTCCGTTATGGCCGCTGCCGTCCCGAAGAGGATGAGGGGGCCAGC  
 ACAAGCGAAACTGCTGCCCGGTTCGGCCATCCAAGCCCTTGTGGGGTTGGCGGGCCGCT  
 GGTCTTGGCGCTCCTGCTGTGTCCGCCCTATCCAGTGTGTATCACGGACTGATTC  
 ACCGAGCCCAACCGTACTCAACTCACATATTTCTACCCAAATGTGAATGCTTTAACACA  
 TGAAAACCAAACCAACCTTCTATTTCCCAAATCAGCACACCCTCCCTCCCACGACGAG  
 TACCAAGAAAAGTGGAGGAGCATCTGTGGTCCCTCATCCCTCGCCTACTCCTCTGTCTCA  
 AGAGGAAGCTGATAACAATGAAGATCCTAGTATAGAGGAGGAGGATCTTCTCATGCTGAA  
 CAGTTCTCCATCCACAGCCAAAGACACTCTAGACAATGGCGATTATGGAGAACCAGACTA  
 TGACTGGACCACGGGCCCCAGGGACGACGAGTCTGATGACACCTTGGAGAAAACAG  
 GGGTTACATGGAAATGAACAGTCAGTGAATCTTTAAGATGCCATCCTCAAATATAGA  
 AGAGGAAGACAGCCATTTCTTTTTTCATCTTATTATTTTTGCTTTTTGCATTGCTGTTGT  
 TTACATTACATATCACAAAAAGGAAGATTTTTCTTCTGGTTCAAAGCAGGAAATGGCG  
 TGATGGCCTTTGTTCCAAAACAGTGAATACCATCGCCTAGATCAGAATGTTAATGAGGC  
 AATGCCTTCTTTGAAGATTACCAATGATTATATTTTTAAAGCACTGTGATTTGAATTTG  
 CTATGTAATTTTATTTGCTTGACTTTTTATATGATATTGTGCAAATGTTTGCCATAGGC  
 AATTGGTACTTAAATGAGAGGTGAGTCTCTTTTTGCCTTGGTGTCTTTGGAAATTAATG  
 TCACAAACGAGTATATAATTTTTATCTGTACTTTTAGAGCTGAGTTAATCAGGTGTCC  
 AAAATGTGAGTTAAACATTACCTTATATTTACTGTTAGTTTTATTGTTTTAGATTTA  
 TTATGCTTCTTCTGGAAGTATTAGTGTACTTTTTAAAAGTCCCAAACCTTGAACATA  
 AATTCTGACATATCTGTTACTGTGACTCACATTCATTCTCCGCCATTCAAATACTATTT  
 TTTATCCACATTTTTTTTTGTTCCCAAACCTGTAATGTACAAGGATATGTGTGATAATGCT  
 TTGGATTTGAGTAATATTTTTTTTTTCTTCCAAGAAAACCTGTTTTGGATATTTTTAGATAA  
 TTTAAACATAAATTTAGGATAATGATATTGCTCAATCTGACCACAATTTTAGGTAAACAT  
 TAAATGTGTCAAGAAATCTTGGCAACAGAGACTCTGCAGCTTGCAGTGGACATAGATAAA  
 ATGTTACAGAGATACTATTTTTTTGGTTGGAATTAATATATAAATTTAGAAGCAGAAAC  
 TGGTAAAATGTTAAATACATGTACAATTGCTTTTAGTTAGCAATTGATTGTAGCATGGGT  
 TCCTCCAAGGTTTCAAGCAATGGGCAGAGTTAAAATTATATCAGATTCTGTTTACTTCGT  
 TTATTATTTTACAGTAAATTTGAATAAATCTTAGGGGTCATTATCACTTAAATAACTG  
 TACCTAGGTCTTCAAATTAATAATATACCTGAATGAAGTTGTTGTATACATAAAGGAT  
 ATTTGTGTACAATTACCTTTTTTCCCCCACTGTTTTCTTTGTTTTTTTTTATGG  
 CAACTGGAAAGTATTTACTATGGGATTCATTTATGTCTGCTTTCTATCATAAAGAAATTG  
 ATCAATATGTAATATGTGATTTGAACCATGGTTGACTTACAAGTGTCACTACAGCTTTT  
 TAGAAAACATAGCCCTAATATATGTTAAGCAGGACCCGGGTGAGCCAGTGGGCTTGCCT  
 TTATGTAGAGCTGGAAGAAGGCCGTCCATCCTGTCTCTTGGGCGGACAGTGTACTTTCCT  
 AATAGGGAAGGGAAGCACAATGGAATACCCCTGAACCGTTTTATTGCAGTAATTTTTTT  
 CATATCTGAAACTATTATTTAATTTTTGAATAAGATTTTAAAAAATAAATGGCAAAGAT  
 GTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_020199

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_020199.1</a></u> , <u><a href="#">NP_064584.1</a></u>
<b>RefSeq Size:</b>	2371 bp
<b>RefSeq ORF:</b>	798 bp
<b>Locus ID:</b>	56951
<b>UniProt ID:</b>	<u><a href="#">Q8NC54</a></u>
<b>Cytogenetics:</b>	5q31.1
<b>Protein Families:</b>	Transmembrane