

## Product datasheet for **SC319625**

### KT112 (NM\_138417) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KT112 (NM_138417) Human Untagged Clone
Tag:	Tag Free
Symbol:	KT112
Synonyms:	SBBI81; TOT4
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\_138417.2  
 AGGATGCCGCTCGTGGTGTTCGCGGGCTGCCGTACAGCGGAAGAGCCGGCGTCTGAA  
 GAGTTGCGCGTGGCGCTGGCTGCCGAGGGCCGCGCGGTGTACGTGGTGGACGACGAGCT  
 GTCCTGGGCGCAGAGGACCCAGCGGTGTACGGCGATTCTGCCCGTGAAGGCATTGCGT  
 GGAGCTCTGCGAGCCTCCGTGGAACGGCGCCTGAGTCGCCACGACGTGGTTCATCTGGAC  
 TCGCTTAACTACATCAAAGGTTCCGTTACGAGCTCTACTGCCTGGCACGGGCGGCGCGC  
 ACCCGCTCTGCCTGGTCTACTGCGTACGGCCCGCGGCGGATCGCGGGACCTCAGGTG  
 GCGGGCGGAACGAGAACCCTGGCCGGAACGTCAAGTGTGAGTTGGCGGCCACGCGCTGAG  
 GAGGACGGGAGAGCCAGGCGGGGCGCAGCAGCGTCTCAGGGAAGTGCATACTGCGGAC  
 TCTGTAGTAAATGGAAGTCCCAGGCCGACGTACCCAAGGAAGTGGAGCGAGAAGAATCC  
 GGGGCTGCGGAGTCTCCAGCTCTTGTGACTCCGGATTCAGAGAAATCTGCAAAGCATGGG  
 TCCGGTGCCTTTACTCTCCGAACTCTGGAGGCCCTAACGCTGCGCTTTGAGGCTCCC  
 GATTCTCGGAATCGCTGGGACCGCCTTTATTCACCTTTGGTGGGCTAGAGGAGCCGTTG  
 CCCCTGGCGGGGATCCGCTCTGCCCTGTTGAGAACCAGGGCCCCACCACCCATCAGTCT  
 ACGCAGTCCCAGCCCTCGCCTCCGGCAGCTTTCTGCACAGTTGGACCAGGTCACGAGT  
 CAAGTACTGGCCGGATTGATGGAAGCGCAGAAGAGCGCTGTCCCGGGGACTTGCTCAGC  
 CTTCTGGTACCACAGAGCACTTGCCTTTACCCGGCCCTTGACCATGGCAGAAGTGAAGT  
 CGCCTTCGTGCGCAGTTTATTCGTACACTAAAATGCATCCCAACAATGAGAAGTGGCCG  
 CAAGTGGCCAACATGTTTCTTCACTATTTGAGCCAGAGCTGCACTGACCAGAGGAGGTA  
 GGGGGGAAAGCCATGGCTTCTGATCTCCACTCCACTTTATTTCTCTGGGAAAAATAGGCTG  
 CAGGTCTCCAGAGCATATCGATGCACTGTACTAGAGCTGTTGTGACTGATTCACCTCA  
 AACTTTCTGCATACCCCTGTGCCAGGCCTTGGGTTTACAGCATAAGTTCCAGACTAAAGA  
 GAATGGAGAACTATTGTGGTGCAACCTGGCAAATCCCTCAGAGGACAGAGCTAAGGTGGA  
 CAGGGATTACCTAGATTGGATCCTACTTGGGCTATCACAGAGCATTGACCATTGGCTTCC  
 CTCATCTGAGGCGTGGGAGAGCAGACTGGATAGATGAGAATTGTTTTAAAACAATTGTGA  
 ACAGAACTGAAGATGGTACAGTTCTACATCTGCACCTGCCCTTTTTTACATACCACAAAA  
 GTATTTTTGAGTACTGTACTGACTTTTTGCTAGTTTCTATTCTGGGACCGAGTTCACAG  
 ATAAATCCATTGGTTTGTATCCTTGAGAACTTTGTTTTGTGGAAGTAAGAAAGTTATC  
 TACTAGATTATTCCTCTAATAAAATCTTTTAAAATAGAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_138417

**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:** [NM\\_138417.2](#), [NP\\_612426.1](#)

**RefSeq Size:** 1712 bp

**RefSeq ORF:** 1065 bp

**Locus ID:** 112970

**UniProt ID:** [Q96EK9](#)

**Cytogenetics:** 1p32.3

**Protein Families:** Druggable Genome