

Product datasheet for **SC311168**

TTC23 (NM_001040655) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC23 (NM_001040655) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC23
Synonyms:	HCC-8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC311168 representing NM_001040655. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAAGAATCACAGGAAACCCACATATCCAACCACCTAGATGAAGTTGTTGCTGCTGTTAGCATCACT
CATAGAAAAGAAGTTCCAAAACAAGCTGCTTCAGACAGCACTATTCAGCCCTCCTCGAGAGAACTCCAC
CTCTGTGAAGAGAAAGCAAAGTCTATTCCAACAGTCATGAGTACAAACAGGCCGTCATGAGCTTGTG
CGTTGCGTAGCACTGACAAGAATTTGCTATGGAGACTCACATTGGAACTAGCAGAGGCACATGTTAAT
CTGGCTCAAGGCTACCTCCAGCTGAAAGGACTGTCAGTCAAGCAAAACAACATGCAGAAAAAGCCAGA
CAAATCCTCGCCAACTCCATTGTGCTCCCTATAGTGAGAATACAGATGTTTTCAAGTTTTCCATTGAG
CTTTCCATACCATGGGCAGAGCTTTACTCTCCCTTCAAAAATTTAAGGAAGCTGCAGAGAAATTTGACA
AAAGCAGAGAGACTTTCAAAGGAGCTGCTACAATGTGGAAGAATTATAAAGGAAGAATGGATAGAAATT
GAAGCACGGATCAGATTATCATTGACACAGGTGTATCAAGGTGAAAGAAGTCAAAGAAGCTTTGTCC
CACTATCAAGCAGCTTTGGAATATGTTGAGATCAGTAAAGGTGAAACAAGTCGTGAGTGTGTACCCATA
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GCACATCTTATCATCTGAGTAGAAGCCCTCTCAAGTGGAGGCAGCAGACTCGGCACACATCGTCGCC
CATGCTGCTGTCGCTTCAGGGAGACACGAGCACCATGATGTAGCTGAGCAGTATTTTCAAGAGAGCATG
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CCGCAGGACAAAAGGACTCTGGCCACCCAGCAGGCCATGGGCATGCTGTCCACGGCCCCAAGGTTGCT
TCGAAGCCAAGGCAGGCATCAAAGCCAAAGTGGCCTTCTGCACCAGCATCCCTCAGGACACCCTGCTG
GGGAAGGCCCGGCCGCGCACACAGCAGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001040655
Insert Size:	1344 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:	<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_001040655.1</u>
RefSeq Size:	3808 bp
RefSeq ORF:	1344 bp
Locus ID:	64927
Cytogenetics:	15q26.3
MW:	50 kDa
Gene Summary:	Participates positively in the ciliary Hedgehog (Hh) signaling.[UniProtKB/Swiss-Prot Function]