

## Product datasheet for SC321551

### HSPC150 (UBE2T) (NM\_014176) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HSPC150 (UBE2T) (NM_014176) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSPC150
Synonyms:	FANCT; HSPC150; PIG50
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_014176.1  
 GCGCGTTGCTGCGTTGTGAGGGTGTGAGGCTCAGTGCATCCCAGGCAGCTCTTAGTGTGG  
 AGCAGTGAAGTGTGTGGTTCCTTCTACTTGGGGATCATGCAGAGAGCTTCACGCTCTGA  
 AGAGAGAGCTGCACATGTTAGCCACAGAGCCACCCAGGCATCATGTTGGCAAGATA  
 AAGACCAATGGATGACCTGCGAGCTCAAATATTAGGTGGAGCCAACACACCTTATGAGA  
 AAGGTGTTTTAAGCTAGAAGTTATCATTCTGAGAGGTACCCATTTGAACCTCCTCAGA  
 TCCGATTTCTCACTCCAATTTATCATCCAAACATTGATTCTGCTGGAAGGATTTGTCTGG  
 ATGTTCTCAAATTGCCACCAAAGGTGCTTGGAGACCATCCCTCAACATCGCAACTGTGT  
 TGACCTCTATTCAGCTGCTCATGTCAGAACCAACCCTGATGACCCGCTCATGGCTGACA  
 TATCCTCAGAATTTAAATATAATAAGCCAGCCTTCTCAAGAATGCCAGACAGTGGACAG  
 AGAAGCATGCAAGACAGAAACAAAAGGCTGATGAGGAAGAGATGCTTGATAATCTACCAG  
 AGGCTGGTGACTCCAGAGTACACAACCTAACACAGAAAAGGAAGGCCAGTCAGCTAGTAG  
 GCATAGAAAAGAAATTTATCCTGATGTTTAGGGACTTGTCTGGTTTATCTTAGTTAA  
 TGTGTTCTTTGCCAAGGTGATCTAAGTTGCCTACCTTGAATTTTTTTTTTAAATATATTTG  
 ATGACATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_014176

**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).



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<b>OTI Annotation:</b>	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_014176.1</a></u> , <u><a href="#">NP_054895.1</a></u>
<b>RefSeq Size:</b>	928 bp
<b>RefSeq ORF:</b>	594 bp
<b>Locus ID:</b>	29089
<b>UniProt ID:</b>	<u><a href="#">Q9NPD8</a></u>
<b>Cytogenetics:</b>	1q32.1
<b>Domains:</b>	UBCc
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>The protein encoded by this gene catalyzes the covalent attachment of ubiquitin to protein substrates. Defects in this gene have been associated with Fanconi anemia of complementation group T. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2015]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>