

## Product datasheet for **SC306240**

### **C1orf150 (GCSAML) (NM\_145278) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf150 (GCSAML) (NM_145278) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf150
Synonyms:	C1orf150
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306240 representing NM_145278. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**  
 ATGGGAAATTATCTCTGCGAAACTCAGTTGCCTGGGAGAGAATCAAAAGAAGCCCAAGAAAGGAAAC  
 CCAGATGAGGAAAGAAACGGCAGGAAATGACTACATTTGAAAGAAAACCTCAAGATCAAGATAAGAAA  
 AGCCAAGAAGTTTCATCCACTTCTAATCAGGAAAACGAGAATGGCAGTGGTTCTGAAGAAGTGTCTAC  
 ACTGTCATTAATCACATCCCCATCAGAGATCCTCCCTGAGCTCCAATGATGATGGCTATGAGAACATT  
 GACTCCCTCACAAGGAAAGTGAGACAGTTAGAGAAAGGTCAGAGACAGAATATGCCCTTCTTAGGACT  
 TCTGTTAGTAGGCCTTGTCTGCACCCATGAGCATGATTATGAAGTTGTGTTTCCACAC**TAA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_145278
Insert Size:	408 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.


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<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>NM_145278.4</u>
<b>RefSeq Size:</b>	3863 bp
<b>RefSeq ORF:</b>	408 bp
<b>Locus ID:</b>	148823
<b>UniProt ID:</b>	<u>Q5JQS6</u>
<b>Cytogenetics:</b>	1q44
<b>MW:</b>	15.7 kDa
<b>Gene Summary:</b>	<p>This gene encodes a protein thought to be a signaling molecule associated with germinal centers, the sites of proliferation and differentiation of mature B lymphocytes. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a). The 5' UTR splicing pattern has not been determined for this variant. Variants 1 and 7 encode the same protein.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>