

## Product datasheet for **SC336546**

### DTX4 (NM\_001300727) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DTX4 (NM_001300727) Human Untagged Clone
Tag:	Tag Free
Symbol:	DTX4
Synonyms:	RNF155
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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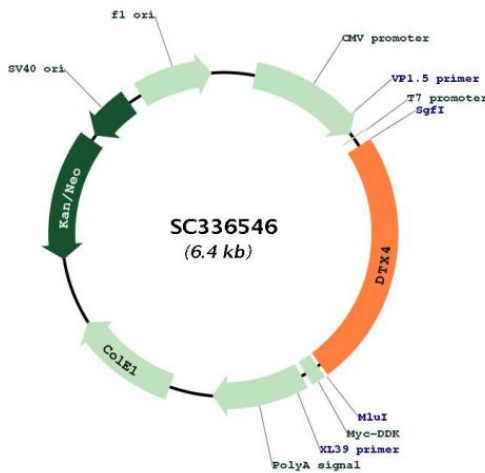
**Fully Sequenced ORF:** >SC336546 representing NM\_001300727.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGTGGGCATCACCATCCAGCATGCCTATGAGAAGCAGCACCCCTGGATCGACCTCACTTCCATT
GGCTTTAGCTACGTAATTGACTTCAACACCATGGGCCAGATCAACCGTCAGACCCAGCGCCAACGCCGC
GTCGCGCGGCCCTCGACCTCATCTACCCCATGGTCACAGGGACCTTGCCTAAGGCTCAGTCCTGGCCA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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**Restriction Sites:** SgfI-MluI

**Plasmid Map:**



**ACCN:** NM\_001300727

<b>Insert Size:</b>	1542 bp
<b>OTI Disclaimer:</b>	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).
<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_001300727.1</a></u>
<b>RefSeq Size:</b>	5386 bp
<b>RefSeq ORF:</b>	1542 bp
<b>Locus ID:</b>	23220
<b>UniProt ID:</b>	<u><a href="#">Q9Y2E6</a></u>
<b>Cytogenetics:</b>	11q12.1
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Notch signaling pathway
<b>MW:</b>	55.3 kDa
<b>Gene Summary:</b>	<p>Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations (By similarity). Functions as a ubiquitin ligase protein in vivo, mediating 'Lys48'-linked polyubiquitination and promoting degradation of TBK1, targeting to TBK1 requires interaction with NLRP4.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has an alternate exon in place of the first exon compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.</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>