

## Product datasheet for SC123317

### C3ORF24 (FANCD2OS) (NM\_173472) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C3ORF24 (FANCD2OS) (NM\_173472) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** C3ORF24  
**Synonyms:** C3orf24  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_173472 edited  
 CCCGGATGGTGGGACTGGGCCAGGTTCCACCGCATCGTCCGCCTCAGCCAGAACCTTC  
 TGGTCCCCGCCCGGATAGGGACCCAGGAGGCCCAAGCCCTTCTCCGGCGGGAGTG  
 GGAGCCTCTCGCACTCTCGGCAGCTCCAGACCCTCGGGATCTCCGTTTACAGTTCAGGAC  
 CTGAGCTGCACCTTTGGCGCTAACGCCCTGTTTCCAGGACTGTCAATGGCAGGATACCAG  
 CTCTGGTCACCATGGACCCCACTGGATGAGAGTTTCCAATGGCTGCGGCACACGACACCT  
 ACACCTTCTCCAAGCACCCATTCAAGGCCTCCCCCTGCTTCCACACACACCGTCCGAC  
 CTTGAAGTGCAGCTGTGCTTTCAAGAGTCACTCTAGTCTAGACAGCCATTCTGGAA  
 TCTGGAGTGAGTCCCAAGTTACCCTGCCACACATCAGAGTTGCGCAGGATGAACAACAAA  
 GGACTGGTCAGGAAGCCCAGCCATCCGCCTCAGTGGAGTAGATTCTGTCTTTGGCAGG  
 GTTATCACAGCTCAGCCACCAAAGTGGACCGGGACTTTCAGAGTTTCAGACAAGTCAGCC  
 TTTTGCAAAATCATTAGCAGGGAGCACCAGTGGCCATTGGACTGAAGGAGCCTCAGATT  
 CAGATGACAGTCACTATGTGCAAACAGATGCTGCGCTCTATCCTCTTGCTGTATGCAACT  
 TACAAAAAGTGCACCTTTGCCTTGCAGCACTCCAAGTAAAGGGTCTCATTTGATCCCCA  
 TTTACTCACACCTGCCCCTTGTGCCTTGGTGACTGTCAAATAAAAGCAAGTATACTC  
 AGTTCTCTCCACACTTCCACATACTTACCAAGCAAAAAGCCCATGAAAAATCTGCAGCA  
 GCCTCTGATAGCAGGAAGACATTATGTGGTACTCCTGAACTTTCACTCCTGGTCCATCAA  
 CTACACCGTGATTCTCAGCAGCTAAACACTAAAAATAAAAAATGATTTTAGGACAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_173472 unedited NGGACGATTCANCATATTTGTNAATACGAACTTCACTANAGGGGCAGGCCGCGNAATTCC CGGGGATCCC GGCTGGTGTGACTGGGCCAGGTTCCACCGCATCGTCCGCCTCAGCCAG AACCTTCTGGTCCCCGCCCGGATAGGGACCCAGGAGGCCAAGCCCCTTCTCCGGCG GGGAGTGGGAGCCTCTCGCACTCTGGCAGCTCCAGACCCTCGGGATCTCCGTTTACAGT TCAGGACCTCAGCTGCGCTTTGGCGCTAACGCCCTGTTTCCAGGACTGTCAATGGCAGG ATACCAGCTCTGGTCACCATGGACCCCACTGGATGAGAGTTTCCAATGGCTGCGGCACAC GACACCTACACCTTCTCCAAGCACCCATTCAAGGCCTCCCCCTGCTTCCACACACACC GTCCGACCTTGAAGTGCAGCTGTGCTTTCAAGAGGTCCTCTAGTCTAGACAGCCATT CCTGGAATCTGGAGTGTGAGTCCCAAGTTACCCTGCCACACATCAGAGTTGCGCACGATGAA CAACAAAGGACTGGTCAGGAAGCCCCAGCCATCCGCCTCAGTGGAGTAGATTCTGTCTT TGGCAGGGTTATCACAGCTCAGCCACCAAAGTGGACCGGGACTTTCAGAGTTTCAGACAA GTCAGCCTTTTGCAAAATCATTAGCAAGGAGCACCAAGTGGCCATTGGACTGAAGGAGCC TCAGATTAGATGACAGTCACTATGTGCAAACAGATGCTGCGCTCTATCCTCTTGCTGTA TGCAACTTACAAAAGTGCACCTTTGCCTTGCAAGTAAAGGGTCCTCATTG ATCCCCATTTACTCACACAATGCCCTTTGTGCTTGGTACTGNTCAATANNAGCAGTAT ATACTCAGTTTTNTNCAAACTTACCAAT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_173472
<b>Insert Size:</b>	1105 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_173472.1</a></u> , <u><a href="#">NP_775743.1</a></u>
<b>RefSeq Size:</b>	1105 bp
<b>RefSeq ORF:</b>	534 bp
<b>Locus ID:</b>	115795
<b>UniProt ID:</b>	<u><a href="#">Q96PS1</a></u>
<b>Cytogenetics:</b>	3p25.3
<b>Gene Summary:</b>	This gene encodes a conserved protein of unknown function. [provided by RefSeq, Jan 2013] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.