

## Product datasheet for **SC125947**

### FUNDC1 (NM\_173794) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FUNDC1 (NM_173794) Human Untagged Clone
Tag:	Tag Free
Symbol:	FUNDC1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for NM_173794 edited

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ACTCCAGAATTGGCCGCTGGCGGTATCATGGCGACCCGGAACCCCTCCCAAGACTAT
GAAAGTGATGACGACTCTTATGAAGTGTGGATTTAACTGAGTATGCAAGAAGACACCAG
TGGTGGAAATCGAGTGTGGCCACAGTTCGGGACCTATGGTAGAAAAATACTCAGTAGCT
ACCCAGATTGTAATGGGTGGCGTTACTGGCTGGTGTGCAGGATTTCTGTTCCAGAAAGTT
GGAAAACCTGCAGCAACTGCAGTAGGTGGTGGCTTTCTTCTTCTCAGATTGCTAGTCAT
AGTGGCTATGTGCAGATTGACTGGAAGAGAGTTGAAAAAGATGTAATAAAGCAAAAAGA
CAGATTAAGAAACGAGCGAACAAAGCAGCACCTGAAATCAACAATTAATTGAAGAAGCA
ACAGAATTTATCAAGCAGAACATTGTGATATCCAGTGGATTTGTGGGAGGCTTTTTGCTC
GGACTTGATCTTAAGGACATGAATATTCTCCATAACGGATTCAACTATGAGAAGAGAA
GTGGCAGCAATAAGGCAGTCTCTCAAAAGTCATACTGCCAGAGTCTCTAGGGCAAGGAGA
AACAACTAGCTGGACAATACTCAATTGACAACCTAGCATTGTTGCCATCTGAAGCTTGGCA
AACTAGTATCTGCTGTAAAAACCTATATGGTATGTGAACCGTAGTATTCCTGAGCAAA
ACGTGGCTTTCATCGCTTTGAAAAATTTGCATCTGTTTAGAACTAGCCTATAAAATAT
CACCATTGGATGTAGATATGGAGAGAAAAGAAATATGTTGGGTTTATTGCTTAGCGAAAT
ATTCTCTTTTATTTAAATAAAATGTTCTTCATTGTGTTTTATGGTATGTGTCCATAATT
TAAATTCATGTTATAGTTTCAGTATTAAGGCTGACTTTTTTTTTTAAGATATGTTTGCA
ATAAGTTAAAAAAGTGAATACCCTTTTGTGAAAGCTTTAGAAATGATATAATTATTA
AGATATTAACAGACTCTGCTGATGTAATATGAAAAGAAAAAAAAAAAAAAAAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_173794 unedited GTTTTTAATTTGTATACGACTCATATAGGCGGCCGCATAACTTCGTATAGCATACATTAT ACGAAGTTATGGATCAGGCCAAATCGGCGGAGCTCGAATTCGTGAGAGCGGACTCCAGA ATTGGCCGCTGGCGGTATCATGGCGACCCGGAACCCCTCCCAAGACTATGAAAGTGA TGACGACTCTTATGAAGTGTGGATTTAACTGAGTATGCAAGAAGACACCAGTGGTGAA TCGAGTGTGGCCACAGTTCGGGACCTATGGTAGAAAAATACTCAGTAGCTACCCAGAT TGTAAATGGGTGGCGTTACTGGCTGGTGTGCAGGATTTCTGTTCCAGAAAGTTGGAAACT TGCAGCAACTGCAGTAGGTGGTGGCTTTCTTCTTCCAGATTGCTAGTCATAGTGGCTA TGTGCAGATTGACTGGAAGAGAGTTGAAAAAGATGTAATAAAGCAAAAAGACAGATTAA GAAACGAGCGAACAAAGCAGCACCTGAAATCAACAATTTAATTGAAGAAGCAACAGAATT TATCAAGCAGAACATTGTGATATCCAGTGGATTTGTGGGAGGCTTTTGTCTCGGACTTGC ATCTTAAGGACATGAATATTCTCCATAACGGATTCAACTATGAGAAGAGAAGTGGCAGC AATAAGGCAGTCTCTCAAAGTCATACTGCCAGAGTCTTAGGGCAAGGAGAAACAATA GCTGGACAATACTCAATTGACAACCTTAGCATTGTCATCTGAAGCTTGGCANACTAGTA TCTGCTGTAACAACCTTATGGTATGTGAACCGTAATTTCTGAGCAAACGTGGCTTTAT CGCTTTGTAAAAATTGCATCTGTTAGAACTAGCCTATAAATATCACCATGGATGTANAA TGGAGAGAAAAGAATATGTTGGGTTTAT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_173794
<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>	<a href="#">NM_173794.2</a> , <a href="#">NP_776155.1</a>
<b>RefSeq Size:</b>	1164 bp
<b>RefSeq ORF:</b>	468 bp
<b>Locus ID:</b>	139341
<b>UniProt ID:</b>	<a href="#">Q8IVP5</a>
<b>Cytogenetics:</b>	Xp11.3
<b>Gene Summary:</b>	This gene encodes a protein with a FUN14 superfamily domain. The function of the encoded protein is not known. [provided by RefSeq, Sep 2011]