

## Product datasheet for SC115907

### SURF6 (NM\_006753) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SURF6 (NM_006753) Human Untagged Clone
Tag:	Tag Free
Symbol:	SURF6
Synonyms:	RRP14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115907 sequence for NM_006753 edited (data generated by NextGen Sequencing)

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ATGGCCTCTCTACTCGCCAAGGACGCCTACCTGCAGAGCCTGGCCAAGAAGATCTGCTCC
CATTTCGGCCCCGGAACAGCAGGCGCGCACGCGGGCTGGCAAACTCAAGGCTCAGAACT
GCAGGGCCCCCAAAAAGAAAAGGAAGAAAACACAAAAGAAATTCGGAAGCGAGAAAG
AAGGCTGCTGAGCACAAGGCCAAGTCTTGGGGGAGAAATCTCCAGCAGCCTCTGGGGCC
AGGAGGCTGAGGCAGCCAAAGAGGAAGCAGCTTGGGCTTCCAGCTCAGCAGGGAACCT
GCAGATGGCCTGGCCACTGAGCCTGAGTCTGTCTTTGCTCTGGATGTTCTGCGACAGCGA
CTGCATGAGAAGATCCAGGAGGCCCGGGCCAGGGCAGTGCCAAGGAGCTGTCCCCTGCC
GCCTTGGAGAAAAGGCGCGGAGAAAAGCAGGAACGGGACCGGAAGAAGAGGAAGCGAAA
GAGCTGCGGGCGAAAAGAGAAGGCCAGGAAGGCTGAGGAGGCCACGGAGGCCCAGGAGGTG
GTGGAGGCAACCCAGAGGGGGCTGCACGGAGCCGCGGAGCCGCCCGGGCTGATCTTC
AATAAGGTGGAGGTGAGCGAAGACGAGCCGGCCAGCAAGGCGCAGCGCAGAAAAGAGAAG
AGGCAGAGGGTGAAGGGGAACCTCACGCCGCTGACCGGGAGGAATACCGGCAGCTGCTG
GAGCGCTGCAGGCACGGCAGAGCCGGCTGGACGAGCTGCGCGGCCAGGATGAGGGGAAG
GCGCAGGAGCTGGAGGCGAAGATGAAGTGGACCAACCTCTCTACAAGGCGGAGGGCGTG
AAGATCCGTGACGACGAACGCCTGCTGCAGGAGGCCCTGAAGCGCAAGGAGAAGCGCAGG
GCGCAGCGGCAGCGCCGGTGGGAGAAGCGCACGGCCGGCGTGGTGGAGAAGATGCAGCAG
CGCCAGGACCGGGCGCGGAGAACCTGCGCAGGAAGAAGGCGGCCCGCGCCGAGCGCCG
CTGCTCAGAGCCCCGAAGAAGGGCCGCATCTGCCGACGACCTGGAGCGCGCAGGCCTG
GTCTGA

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Clone variation with respect to NM\_006753.4



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_006753 unedited  GGTCGCATTTGTATACGACTCCTATAGGGCGGCCGCGATTCCGGCACGAGGCGGAGGTGGT  GAGAGTCGCACGCGCAGCGGGGAAGGTGTGAGTCGTGAACGGCCCGGGTCTCCGCCATGG  CCTCTCTACTCGCAAGGACGCCTACCTGCAGAGCCTGGCCAAGAAGATCTGCTCCCATT  CGGCCCGGAACAGCAGGCGCGCACGCGGGCTGGCAAACTCAAGGCTCAGAACTGCAG  GGCCCCAAAAAGAAAAGGAAGAAAACAAAAAGAAATCCGGAAGCGAGAAGAGAAGG  CTGCTGAGCACAAAGCCAAGTCCTTGGGGGAGAAATCTCCAGCAGCCTCTGGGGCCAGGA  GGCCTGAGGCAGCCAAAGAGGAAGCAGCTTGGGCTTCCAGCTCAGCAGGGAACCCCTGCAG  ATGGCCTGGCCTGAGCCTGAGTCTGTCTTTGCTCTGGATGTTCTGCGACAGCGACTGC  ATGAGAAGATCCAGGAGGCCCGGGCCAGGGCAGTGCCAAGGAGCTGTCCCTGCCGCT  TGGAGAAAAGGCGGCGGAGAAAGCAGGAACGGGACCGGAAGAAGGAAGCGAAAGGAGC  TGCGGGCGAAAGAGAAGGCCAGGAAGGCTGAGGAGGCCACGGAGGCCAGGAGGTGGTGG  AGGCAACCCAGAGGGGGCTGCACGGAGCCGCGGGAGCCCGCCGGGCTGATCTTCAATA  AGGTGGAGGTGAGCGAAGACGAGCCGGNCCAGCAGGCGCAGCGCANAANAGAGAAGAGCA  GAGGGTGAGGGGAACCTCACGCGCTGACCGGGAGGAACTACCGNCAGCTGCTGGAGCGCC  CTGCAGCACGCAACCCGCTGGAGAGCTGCGCGCCAGGATGAGGGGAAAGCGCAGAGCT  GC</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_006753 unedited  CGGCACGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTCATCAAAAAATTTTATTTA  CAGCTTTATCATCCATATGCCACTAAAATTCACCTGTTTTCTTTCAACCTGCACTCATT  TGATTGCCTGAACTCTGGATTTAATTCTTCCATCCACTTTGTATCTTGCATTCACTTC  ACTCTCTCTCCAGCTTTTATTCTTTCTTTCTTTCCCTAGGTCCAATGCACTTGACCCA  ACTCACATGCGTGGACTCCGGGAAGTACTGCTCCCTCCCTCAAATTCTGAGCAGTAAA  ATGCCGCCCGGGCACTGGGGAACAGAAAGGAATGAGACCCCAACAGGCAGAAGCCAAG  AGAGCGGGGAGGAGCCATGGCGTTCTGCCCCAGGATGCACCACGCTGGACGTGCTCCCC  CGACTCCAGTGCCAGGTGCCATATGCCACACCTCAGGGTTGTCTCTGTTCCGGTGAG  CTGCGGACTAACGTGGCCCGGCAGCAGAGGCCACCGTCTTCTGTCCCGTGGCTCTGCGA  ACACAGGCAGTGGGGAACAGGCAGTGACTGCCACCCCAACCGTTCCTCTCCCTGACCC  TGCAAACCTCGGGGAAGCTTTCAAGGCCCGGAAAGCAGACCAGGCCCAAGTCTCCCTCAC  CTTTCTCCCTGGGTCTGAAGGTCCCGGATCCTGCGTTCAAGGATGACGCTGAAACTCTCTC  TTTCTCACATGGGATCTGTGATCTGGGCCCTCACAACCTANCAGAGCACCCTGTGTCCC  CCTCACATGGAGAGGCCGAGGTCTGTGGAGATCCTGGGACAGAGCCCGCTCAAGACTCA  GAGGTGCGCCTGAGTCCCTAGACCAGGAGCGCGGCCCAAGTGGGAAGACTCAAACAGCC  TGCCGCTCCAGGTCTGCGNNAGAGCGNCCTCCTGCAGCTCTGACAGCGGGCTCGGCCGCN</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_006753
<b>Insert Size:</b>	2000 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_006753.3](#), [NP\\_006744.2](#)

**RefSeq Size:** 2349 bp

**RefSeq ORF:** 1086 bp

**Locus ID:** 6838

**UniProt ID:** [O75683](#)

**Cytogenetics:** 9q34.2

**Domains:** SURF6

**Gene Summary:** This gene encodes a conserved protein that is localized to the nucleolus. The encoded protein may function as a nucleolar-matrix protein with nucleic acid-binding properties. There is a pseudogene for this gene on chromosome Y. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).