

Product datasheet for **SC334379**

SURF6 (NM_001278942) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SURF6 (NM_001278942) Human Untagged Clone
Tag:	Tag Free
Symbol:	SURF6
Synonyms:	RRP14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278942, the custom clone sequence may differ by one or more nucleotides

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ATGGCCTCTCTACTCGCCAAGGACGCCTACCTGCAGAGCCTGGCCAAGAAGATCTGCTCCCATTTCGGCCC  
CGGAACAGCAGGCGCGCACGCGGGCTGGCAAACTCAAGGCTCAGAACTGCAGGGCCCCAAAAAGAA  
AAGGAAGAAAACAAAAAGAAATTCGGAAGCGAGAAGAGAAGGCTGCTGAGCACAAGGCCAAGTCTTG  
GGGAGAAATCTCCAGCAGCCTCTGGGGCCAGGAGGCCTGAGGCAGCCAAAGAGGAAGCAGCTTGGGCTT  
CCAGCTCAGCAGGGAACCCTGCAGATGGCCTGGCCACTGAGCCTGAGTCTGTCTTTGCTCTGGATGTTCT  
GCGACAGCGACTGCATGAGAAGATCCAGGAGGCCCGGGCCAGGTAGTGCCAAGGAGCTGTCCCCTGCC  
CCTTGGAGAAAAGCGGGGAGAAAGCAGGAACGGGACCGGAAGAAGAGGAAGCGAAAGGAGCTGCGGGC  
GAAAGAGAAGGCCAGGAAGGCTGAGGAGGCCACGGAGGCCAGGAGGTGGTGGAGGCAACCCAGAGGGG  
GCCTGCACGGAGCCGCGGAGCCGCCCGGGCTGA
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001278942
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).
Components:	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).



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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_001278942.1](#), [NP_001265871.1](#)

RefSeq Size: 2325 bp

RefSeq ORF: 594 bp

Locus ID: 6838

UniProt ID: [O75683](#)

Cytogenetics: 9q34.2

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 (2) uses alternate splice sites at two coding exons, which results in a frameshift, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.