

Product datasheet for **SC333760**

SURF4 (NM_001280792) Human Untagged Clone

Product data:

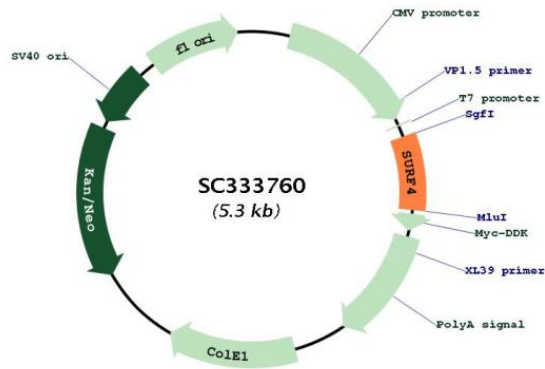
Product Type:	Expression Plasmids
Product Name:	SURF4 (NM_001280792) Human Untagged Clone
Tag:	Tag Free
Symbol:	SURF4
Synonyms:	ERV29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333760 representing NM_001280792. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCCAGAACGACCTGATGGGCACGGCCGAGGACTTCGCCGACCAGTTCCTCCGTGCACAAAGCAG
TACCTGCCCCACGTGGCGCGCCTCTGTCTGATCAGCACCTTCCTGGAGGACGGCATCCGTATGTGGTTC
CAGTGGAGCGAGCAGCGCGACTACATCGACACCACCTGGAAGTGGGCTACCTGCTGGCCTCGTCCCTTC
GTCTTCTCAACTTGCTGGGACAGCTGACTGGCTGCGTCTGGTGTGAGCAGGAAGTTCGTGCAGTAC
GCCTGCTTCGGGCTCTTGGAAATCATAGCTCTGCAGACGATTGCCTACAGCATTTTATGGGACTTGAAG
TTTTTGATGAGATTGTCCAGAACATCGTGGGCACAGCTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001280792

Insert Size: 387 bp

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).

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_001280792.1](#)

RefSeq Size: 2881 bp

RefSeq ORF: 387 bp

Locus ID: 6836

UniProt ID: [O15260](#)

Cytogenetics: 9q34.2

Protein Families: Transmembrane

MW: 14.9 kDa

Gene Summary: This gene is located in the surfeit gene cluster, which is comprised of very tightly linked housekeeping genes that do not share sequence similarity. The encoded protein is a conserved integral membrane protein that interacts with endoplasmic reticulum-Golgi intermediate compartment proteins. Disruption of this gene results in reduced numbers of endoplasmic reticulum-Golgi intermediate compartment clusters and redistribution of coat protein I to the cytosol. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (6) lacks an exon in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (5) has a shorter and distinct C-terminus, compared to isoform 1.