

## Product datasheet for **MC200129**

### Surf4 (NM\_011512) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Surf4 (NM_011512) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Surf4
Synonyms:	AL033340; AL033373; Surf-4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC003280 sequence for NM\_011512  
 CCCACGCGTCCGCCGCCGGTACTTCTGTGGAGGCCGACGAGCGCGGCCAGGACCTGCCAGCT  
 GAGCCTTCCGCCGCCCATGGGACAGAACGACCTGATGGGCACGGCCGAGGACTTCGCCGACCAGTTCC  
 TTCGAGTACCAAGCAGTACCTGCCTCATGTGGCGCCCTCTGCCTGATCAGCACCTTCTGGAGGATGG  
 CATCCGCATGTGGTTCAGTGGAGTGAGCAGCGTGACTATATCGACACCACCTGGAGCTGTGGCTACCTG  
 TTGGCCTCATCCTTCGTGTTCTCAACCTGCTGGGACAATTGACTGGCTGTGTTTTGGTCTGAGCAGGA  
 ACTTCGTGCAGTATGCCTGCTTTGGGCTGTTTGGAAATCATCGCACTGCAGACAATTGCCTATAGCATTTT  
 GTGGGACTTGAAGTTTCTCATGAGGAACCTGGCTTTAGGAGGAGTGTGCTGCTCCTTGGCAGAATCC  
 CGCTCAGAAGGGAAGAGCATGTTTGTGGTGTCCCAACCATGCGTGAGAGCTCCCCAAGCAGTACATGC  
 AGCTTGGAGGAAGGGTCTGCTGGTCTGATGTTTCATGACCCTCCTTCACTTTGATGCCAGCTTCTTTTC  
 TATCATCCAGAACATTGTGGGCACAGCTCTGATGATCTTAGTAGCCATCGGTTTTAAAACCAAGCTGGCA  
 GCTTTGACTCTCGTCTGCTGGCTGTTTGGCATCAACGTGATTTTCAACGCCTTCTGGACAATCCCGTAT  
 AATAACCCATGCATGACTTCTGAAATACGACTTCTCCAGACCATGTCAGTGATTGGAGGCTGCTCCT  
 GGTGGTGGCTCTTGGCCAGGGGTGTGTCATGGATGAGAAGAAGAAAGAGTGGTAACACACAGATCCC  
 TCCCTCCTGGCTGAGGCACAGGGCCCTGGCCTGGTTCAGGGCAGAGTCAACAACTGCCGGCTTTGT  
 GTGTCCTTCTCCCTTCCCTCCTTGGTAAAGGCACAGATGTTTTGAGAAGTTTATTTGACAGACACCTGA  
 AAATTGGAGATAAAATCTTTGAAATAGTCTGGAGTCTTACTGTCCAGGGCTGGCGAGCTGGATGGTCA  
 CTCCTTAGCCAAGGCTTGGAGGAGACAGCGTGTGGGCTGTGGCCTCATTCTCCTGTCTCCGAGTTCTT  
 TTTGGGAAGTCTACTGAGCTGTATTTTATCATTCAAAGCAGTTTCCCTTCTTAGTTTTGAGTTTACA  
 TCCTTAGCTCAAACACTAAATGACTTAGGATAGTCCAGCCAAACACCAACCGTTAAACCTCCAGTTCA  
 GAATTCACAGTGGCCCCAGCATTGCTTCTGCCCTGTATTTATAGGATCAGTGAAGATGTTAGAGAA  
 ACCAAGTCAAGAGAACAGTACAGTATTGAAAGGTGGGTGTTACTGCTGCCAAGTCTTGTATGTTAGC  
 TAGCTGGATGCTGTTTACTGGGTGAAAGGTACCTTGGGAGTTTTTATGGTCCCAAGCAGGATGGGATGG  
 GGTAAAGCAGCAGGAAGTTCTTAGAAAGCTGCTATCCCTCAAGCTTGGTGGTGGAAAGGGCAGGAGAGCAG  
 GCTGCTCACAGGATGGCCACACACCACCATGGAACCGCTGGGAACGCGATGCCATGGGGCCAGA  
 AGTGAGGAGTCCCAGTACTCAAGACACCAGGCTCAACCCAGTTACCTCACACTTGACCTTCTCAGAGCA  
 AGGCTGAACTCCACAGTTGTGGTCCCAACCCAGCTTAACTCCCTGTTCCAGGCTGAGCCGACCCC  
 GTCGACAGCCCTGATACCACCATCCCTGAGGCTGTTGCTTGTCTCAGATTTTTGTCAACTTGCTCTGCT  
 GTATGCAGCCAAGATACTTTTTACAATTTGTGATGCCTTACCAATTTGATCTCAGTCTGTATTTAAAGT  
 TTTCTAACATTGCCTTACACCGTGTCTTTTTTGGGGAGGGTGGGGTGTCTAATGCTGTGGTCTTG  
 CTCATCTGCATGGTAGTCCATGAGGAGTGGGTTCTCCTGGATCTCTCCAGTCTGTTGGAGAGA  
 ACAGACAGACTTAGAACCCTGGAGGGAAGCTGGCAGCTTACCTACCCTTGGGTACAGAGTCTTGGAGG  
 TCCTCCTTTCTGGCATCAGCTGGGTAGGAGGACTTTGTTCTCTGAGTCACTTTGGGTGAGTCCCTTGGC  
 TCGCTGGCTCTGCAGGCTGAATTCACCTTCTCAACACCTAGCCCATGTTTTCTGACGCTTATGGCCTG  
 CCTATTCTCCCAAGTGAGTTCCAGCACTGGCTCAGGCCATGCTAGTTCTTTACCACAGAGCTGCCTCAG  
 TGCACAGCCACCTGCAGTGGCAGCCCCATGACATTCCAGTCTGTGGAGTGGGGCAGACCTGGGAGGCAA  
 GTGCATGCCGTGCAGCAGAAGCCCTCGTCCAGGGTACTTAGCCCTTTGACCAGCTCCTGTGGGTTCT  
 GCCTGGATGGGAACCTCATCCCAAGGGTACTTGGCCATTTACCAGCTCCTGTGGGGTGCCTGGG  
 ACGGGAGAAAACAATGATACACATATTGGTGGCAAAAGTTTTCTGAAGATGCTTTAGCTTTATGTGGG  
 AATAGGTATAAACCTCATTTTTATGCTGATTTTATATCTTAGTTGTGTTGAAAATGTTTTGATCTTTG  
 GAAACATCAAATAAATAATGGCATTGTGGTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011512

**Insert Size:** 810 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).

<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="#">BC003280</a></u> , <u><a href="#">AAH03280</a></u>
<b>RefSeq Size:</b>	2781 bp
<b>RefSeq ORF:</b>	810 bp
<b>Locus ID:</b>	20932
<b>UniProt ID:</b>	<u><a href="#">Q64310</a></u>
<b>Cytogenetics:</b>	2 19.1 cM
<b>Gene Summary:</b>	May play a role in the maintenance of the architecture of the endoplasmic reticulum-Golgi intermediate compartment and of the Golgi.[UniProtKB/Swiss-Prot Function]