

Product datasheet for **SC322772**

SURF4 (NM_033161) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SURF4 (NM_033161) Human Untagged Clone
Tag:	Tag Free
Symbol:	SURF4
Synonyms:	ERV29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033161, the custom clone sequence may differ by one or more nucleotides

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ATGGGCCAGAACGACCTGATGGGCACGGCCGAGGACTTCGCCGACCAGTTCCTCCGTGTCACAAAGCAGT
ACCTGCCCCACGTGGCGCGCCTCTGTCTGATCAGCACCTTCTGGAGGACGGCATCCGTATGTGGTTCCA
GTGGAGCGAGCAGCGGACTACATCGACACCACCTGGAAGTGGGCTACCTGCTGGCCTCGTCTTCGTC
TTCCTCAACTTGCTGGGACAGCTGACTGGCTGCGTCTGGTGTGAGCAGGAAGTTCGTGCAGTACGCCCT
GCTTCGGGCTCTTTGGAATCATAGCTCTGCAGACGATTGCCTACAGCATTTTATGGGACTTGAAGTTTTT
GATGAGGAACCTGGCCCTGGGAGGAGGCCTGTTGCTGCTCCTAGCAGAATCCCGTTCTGAAGGGAAGAGC
ATGTTTTCGGGGCTCCCCACCATGCGTGAGAGCTCCCCAAACAGTACATGCAGCTCGGAGGCAGGGTCT
TGCTGGTTCTGATGTTTCATGACCCTCCTCACTTTGACGCCAGCTCTTTTCTATTGTCCAGAACATCGT
GGGCACAGCTCTGATGATTTTAGTGCCATTGGTTTTAAACCAAGCTGGCTGCTTTGACTCTTGTGTG
TGGCTCTTTGCCATCAACGTATATTTCAACGCCTTCTGGACCATTCCAGTCTACAAGCCCATGCATGACT
TCCTGAAATACGACTTCTCCAGACCATGTCGGTGATTGGGGGCTTGCTCCTGGTGGTGGCCCTGGGCC
TGGGGTGTCTCCATGGATGAGAAGAAGAAGGAGTGTTAA
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Restriction Sites:	Please inquire
ACCN:	NM_033161
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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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_033161.2 , NP_149351.1
RefSeq Size:	2985 bp
RefSeq ORF:	810 bp
Locus ID:	6836
UniProt ID:	O15260
Cytogenetics:	9q34.2
Domains:	SURF4
Protein Families:	Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>