

Product datasheet for **SC319298**

RUSF1 (NM_022744) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RUSF1 (NM_022744) Human Untagged Clone
Tag:	Tag Free
Symbol:	RUSF1
Synonyms:	C16orf58; RUS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_022744.1
 CTCGGCATGGCTGACGACGCGGGTTTGGAGACCCCGCTGTGTTCCGAGCAGTTCGGCTCC
 GGGGAGGCACGGGGCTGCCGCGCCGCGGACGGGAGCCTGCAGTGGGAGGTCGGGGGC
 TGGCGCTGGTGGGGGCTCTCCAGGGCCTTACGGTCAAACCTGAAGGACGAGATGCGGGC
 GAAGTGGGGGCTTCCGGGGCCCCCTACCGCCCTCTCCGGGCTCCAGGCCGTGTTCTG
 CCTCAGGGCTTCCCTGATAGCGTCAGCCCGACTACTTGCCCTACCAGCTGTGGATTCC
 GTGCAGGCGTTTGCTTCCAGCCTCTCCGGCTCCCTAGCCACCCAGGCAGTCTTGGTGGC
 ATAGGGGTGGGGAACGCAAAAGCCACTGTTTCAGCTGCCACGGCCACCTGGCTCGTGAAA
 GATTCAACTGGCATGCTGGGCCGTCGTCTTTGCCTGGTGAAAAGGAGCAAACTGGAC
 TGCAATGCCAAGCAGTGGAGGCTTTTTGCGGACATCCTCAATGACGTAGCCATGTTCTT
 GAGATTATGGCTCCTGTATGCCAATCTGTTTCACCATGACCGTCTCCACCAGCAACCTA
 GCCAAGTGCATCGTGAGTGTGCTGGTGGGGCCACTCGGGCTGCCCTGACCGTGCACCAG
 GCTCGGAGGAACAACATGGCTGACGTGTCAGCCAAGGACAGCAGCCAGGAGACGCTGGT
 AACCTGGCGGGGCTCTTGGTCAGCCTCCTGATGCTCCCTCTGGTGTGAGTTGCCCTGGC
 TTCAGCCTTGGATGTTTCTTCTCCTCACTGCCCTCCACATCTACGCCAACTACCGCGCG
 GTCCGAGCCCTGGTCATGGAGACCTTGAACGAAGGCCGGCTCCGGCTGGTCTGAAGCAC
 TACCTTCAGAGGGGAGAGGTACTCGACCCAACGCAGCCAATCGCATGGAGCCGCTGTGG
 ACAGGTTTCTGGCCAGCTCCGTCTCTATCCCTGGGGGTCCCTTACACCGCTTGGTCTCC
 AGTGTCTTTGAGCTGCAGCAGCTGGTTGAGGGGCACCAAGAATCCTACCTCCTGCTGG
 GACCAGTCACAAAACAGGTACAGGTAGTTCTGAACAGAAGGCAGGCCCAAGACCATC
 CTAAGGGCCGCCACATGGGCTGATGCTTGGGGCCCTGCAGGGAGATGGACCCCTTCCA
 GCAGAGCTGGAGGAGCTGAGGAACCGGGTGCAGGAGGTCCTAAGAAAGAGAGCTGGGT
 GTCGTCAAGGAGACACGAAGTGTGGACATGCTGTTCCAAAGTCTTGAAGAGCATG
 CAGGATGCCGGCTGGAAGACCGAGAAGCAGCTAGAGGTGGATGAGTGGAGGGCCACA
 TGGCTTCTGTCTCCGAAAAGAAGGTCTTGTGAGCAGCCAGACGAGGAGGCCAAGCCAG
 GGCAGGAACCTGGAGCAAGGACACTTTGGCCACAGCAGGACAGGGGAAAGGCAGCTTTAT
 TTTTCTTAGGGCAACTGCAGCGGGTGGGCCAGGCCCTCATGGGAAGTACTGCCAATCA
 GATGCAGTGGGCCCCAGGCAGAGGAAGGCCGGGAGAAGGGGAGCCAGGACCTTCTACCC
 CACTGCCCTTCCCTTTTCTGGGGAGCACCGCAGGCTCCTACCCCCACTTCTGTGAG
 GCTGTGGCTTATGGTGTCCAACGCAGTTGGTCTTAGGCATAGAAGCCCCAGAGGAACACG
 GCCACTGCCATCATGAGCAGGGCATTGAGGTTGACCACACGGGCCAGCTCGGGTCTCG
 CTGATGTCTCCAGGTCTCCCGTTCTCCTTGTATGCCGGAGACTGAAGACCAGGCGG
 TGGAGCTGGGGAGGGTGGGAGCACGAACGAGGTGGGAGTTCTGTCCCCCATGCCTGGCC
 CTAAAGTCTCTTGACACCCAGCTCGTCACTGCCTGCCCTACCCACCTCTGTCCAGTCTAC
 ACACCCAGCCCAGGCTTAACTCATGCCAATCCACCTACATGGCTGCCCTGTGCCCTCG
 GGATAAACCCCAAGCCCCGAGCTTGTGTTTAAAGCCGTTGGCCTTGTCCCCAGCTTT
 GTCAGCTCAGGTCTGTCTACCCAGATGGTAGCGCTTGTGACTGGCTGGCAGTCTCT
 GCTCACAGTGTCTGTGCTGTGCTCCACCCCTTCTCCTGCTGCTGCAGAAACCCG
 GCCATCTTCCACACCCAGATCTTGTCTGTCTCACCACCCCTGCCACCATCAGCC
 CTGCTGGAGCCACCTGCCCTTTGGCAACAAAACCAACCTTTTGTGGGCGTTCAAGAT
 GGTATTGTGCCACCAAGTCAGATCCTGTGTTTTGAGTCCCAAAGGCCATGCCAAGGATTG
 GCTTTGGGAGGCTTAAATCACCACCCATCAACATCAAGCCTCCCCAGGCCGTTCAA
 TAAATGTATTTAAATAAAAAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_022744

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).

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:	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:	<u>NM_022744.1</u> , <u>NP_073581.1</u>
RefSeq Size:	2760 bp
RefSeq ORF:	1407 bp
Locus ID:	64755
UniProt ID:	<u>Q96GQ5</u>
Cytogenetics:	16p11.2
Domains:	DUF647
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a putative transmembrane protein containing a conserved DUF647 domain that may be involved in protein-protein interaction. The encoded protein is related to a plant protein that participates in ultraviolet B light-sensing during root morphogenesis. [provided by RefSeq, Feb 2013]