

## Product datasheet for **SC324601**

### USE1 (NM\_018467) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** USE1 (NM\_018467) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** USE1  
**Synonyms:** D12; MDS032; P31; SLT1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_018467.2  
GGGCGATAATGGCGGCGTCGAGGCTGGAGCTAAACCTGGTGCGGCTGCTATCCCCTGCG  
AGGCGATGGCAGCGGAGAAACGGGACCCGGACGAGTGGCGCCTGGAGAAGTACGTGGGAG  
CCCTAGAGGACATGTTGCAGGCCCTGAAGGTCCACGCGAGCAAACCGGCCCTCTGAGGTGA  
TCAATGAATATTCTGGAAGGTGGATTTTCTGAAGGGGATGCTGCAAGCCGAGAAGCTGA  
CCTCCTCCTCAGAGAAAGCACTGGCCAACCAGTTCCTGGCCCTGGCCGTGTGCCAACCA  
CAGCCAGAGAGCGAGTGGCCGCCACAAAGACGGTGCATCTGCAGTCACGGGCGCGGTACA  
CCAGCGAGATGCGGAGTGAGCTACTAGGCACGGACTCTGCAGAGCCTGAGATGGACGTAA  
GGAAGAGAACTGGAGTGGCAGGGTCCCAGCCAGTGAAGTGAAGCAGTCGGCAGCTGAGC  
TAGACCTCGTCTGCAGCGACATCAGAACCTCCAGGAAAAGCTGGCGGAAGAGATGCTAG  
GACTGGCCCGGAGCCTCAAGACCAATACCCTGGCCGCCAGAGTGCATCAAGAAGGACA  
ACCAGACCCTGTCACTCACTGAAAATGGCGGACCAGAACCTGGAGAACTGAAGACGG  
AGTCAGAGCGTCTGGAGCAGCACACGAGAAGTCAAGTCAACTGGCTGCTCTGGGCCATGC  
TCATTATCGTCTGCTTCTTCTTATTAGCATGATCCTCTTATTGGAATCATGCCTAAAC  
TCAAATAAAGACCCCGCCACCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_018467  
**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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<b>OTI Annotation:</b>	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.
<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>	<a href="#">NM_018467.2</a> , <a href="#">NP_060937.1</a>
<b>RefSeq Size:</b>	843 bp
<b>RefSeq ORF:</b>	780 bp
<b>Locus ID:</b>	55850
<b>UniProt ID:</b>	<a href="#">Q9NZ43</a>
<b>Cytogenetics:</b>	19p13.11
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	SNARE interactions in vesicular transport
<b>Gene Summary:</b>	SNARE that may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER.[UniProtKB/Swiss-Prot Function]