

Product datasheet for **SC314718**

SEL1L (NM_005065) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEL1L (NM_005065) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEL1L
Synonyms:	Hrd3; PRO1063; SEL1-LIKE; SEL1L1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_005065 edited
 ATGCGGGTCCGGATAGGGCTGACGCTGCTGTGTGCGGTGCTGCTGAGCTTGGCCTCG
 GCGTCCTCGGATGAAGAAGGCAGCCAGGATGAATCCTTAGATTCCAAGACTACTTTGACA
 TCAGATGAGTCAGTAAAGGACCATACTACTGCAGGCAGAGTAGTTGCTGGTCAAATATTT
 CTTGATTCAGAAGAATCTGAATTAGAATCCTCTATTCAAGAAGAGGAAGACAGCCTCAAG
 AGCCAAGAGGGGGAAAGTGTACAGAAGATACAGCTTTCTAGAGTCTCCAAATCCAGAA
 AACAAGGACTATGAAGAGCCAAAGAAAGTACGGAAACCAGCTTTGACCGCATTGAAGGC
 ACAGCACATGGGAGCCCTGCCACTTCCCTTTTCTTTTCTAGATAAGGAGTATGATGAA
 TGTACATCAGATGGGAGGGAAGATGGCAGACTGTGGTGTGCTACAACTATGACTACAAA
 GCAGATGAAAAGTGGGGCTTTTGTGAAACTGAAGAAGAGGCTGCTAAGAGACGGCAGATG
 CAGGAAGCAGAAAATGATGTATCAAACCTGGAATGAAAATCCTTAATGGAAGCAATAAGAAA
 AGCCAAAAAGAGAAGCATATCGGTATCTCCAAAAGGCAGCAAGCATGAACCATAACAAA
 GCCCTGGAGAGAGTGCATATGCTCTTTTATTTGGTGATTACTTGCCACAGAATATCCAG
 GCAGCGAGAGAGATGTTTGAGAAGCTGACTGAGGAAGGCTCTCCAAGGGACAGACTGCT
 CTTGGCTTTCTGTATGCCTCTGGACTTGGTGTAAATCAAGTCAGGCAAAGGCTCTTGTA
 TATTATACATTTGGAGCTCTGGGGCAATCTAATAGCCACATGGTTTTGGGTTACAGA
 TACTGGGCTGGCATCGGCGTCTCCAGAGTTGTGAATCTGCCCTGACTCACTATCGTCTT
 GTTGCCATCATGTTGCTAGTGATATCTCGCTAACAGGAGGCTCAGTAGTACAGAGAATA
 CGGCTGCCTGATGAAGTGGAAAAATCCAGGAATGAACAGTGGAAATGCTAGAAGAAGATTTG
 ATCAATATTACCAGTTCCTAGCTGAAAAAGGTGATGTACAAGCACAGGTTGGTCTTGGA
 CAACTGCACCTGCACGGAGGGCGTGGAGTAGAACAGAATCATCAGAGAGCATTGACTAC
 TTCAATTTAGCAGCAAATGCTGGCAATTCACATGCCATGGCCTTTTGGGAAAGATGTAT
 TCAGAAGGAAGTACATTGTACCTCAGAGTAATGAGACAGCTCTCCACTACTTTAAGAAA
 GCTGCTGACATGGGCAACCCAGTTGGACAGAGTGGGCTTGGAAATGGCCTACCTCTATGGG
 AGAGGAGTTCAAGTTAATTATGATCTAGCCCTAAGTATTTCCAGAAAGCTGCTGAACAA
 GGCTGGGTGGATGGGAGCTACAGCTTGGTTCCATGTAATAATGGCATTGGAGTCAAG
 AGAGATTATAACAGGCCTTGAAGTATTTAATTTAGCTTCTCAGGGAGGCCATATCTTG
 GCTTTCTATAACCTAGCTCAGATGCATGCCAGTGGCACCAGGCGTGTGCGATCATGTCAC
 ACTGCAGTGGAGTTGTTAAGAATGTATGTGAACGAGGCCGTTGGTCTGAAAGGCTTATG
 ACTGCCTATAACAGCTATAAAGATGGCGATTACAATGCTGCAGTATCCAGTACCTCCTC
 CTGGCTGAACAGGCTATGAAGTGGCACAAAGCAATGCAGCCTTTATTCTTGATCAGAGA
 GAAGCAAGCATTGTAGGTGAGAATGAAACTTATCCCAGAGCTTTGCTACATTGGAACAGG
 GCCGCCTCTCAAGGCTATACTGTGGCTAGAATTAAGCTCGGAGACTACCATTTCTATGGG
 TTTGGCACCGATGTAGATTATGAACTGCATTTATTCATTACCGTCTGGCTTCTGAGCAG
 CAACACAGTGCACAAGCTATGTTAATCTGGGATATATGCATGAGAAAGGACTGGGCATT
 AAACAGGATATTCACCTTGCAGAACGTTTTTATGACATGGCAGCTGAAGCCAGCCAGAT
 GCACAAGTTCCAGTCTTCTAGCCCTCTGCAAATTTGGGCGTGTCTATTTCTTGACAGTAC
 ATACGGGAAACAAACATTCGAGATATGTTACCCAACTTGATATGGACCAGCTTTTGGGA
 CCTGAGTGGGACCTTTACCTCATGACCATCATTGCGCTGCTGTTGGGAACAGTCATAGCT
 TACAGGCAAAGGCAGCACCAAGACATGCCTGCACCCAGGCTCCAGGGCCACGGCCAGCT
 CCACCCAGCAGGAGGGCCACCAGAGCAGCAGCCACCACAGTAA

Restriction Sites: Please inquire
ACCN: NM_005065
Insert Size: 6600 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	<p>The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.</p>
Components:	<p>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).</p>
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:	<p>NM_005065.3, NP_005056.3</p>
RefSeq Size:	<p>7885 bp</p>
RefSeq ORF:	<p>2385 bp</p>
Locus ID:	<p>6400</p>
UniProt ID:	<p>Q9UBV2</p>
Cytogenetics:	<p>14q31.1</p>
Protein Families:	<p>Druggable Genome, Transmembrane</p>
Gene Summary:	<p>The protein encoded by this gene is part of a protein complex required for the retrotranslocation or dislocation of misfolded proteins from the endoplasmic reticulum lumen to the cytosol, where they are degraded by the proteasome in a ubiquitin-dependent manner. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript, and encodes the longer isoform (1).</p>