

## Product datasheet for **SC320051**

### EPS8L1 (NM\_139204) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EPS8L1 (NM_139204) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPS8L1
Synonyms:	DRC3, EPS8R1, MGC4642, PP10566, FLJ20258, MGC23164
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\_139204.1  
 CCAGAACACCCCTATCTTCTAGGATTGACACTGGCTGTCAAACCTCATCCTTCAAGGTGAT  
 TCCTGGCCTGCCCTCCTCCTCCAGGCAGCCTGTCTCCTCCTCCAGGCAGCCTGTCTGA  
 CCCTCAGCAGCCTCTCCTGGCCTTGGCAGAGCCCTCGTGTCTCCTCCCTTGACACGCAT  
 GGAAGAAAGGCCATCGTCTCGCCATTGCTAACACCAGCCTTGCCTTCTCCTTTGCCA  
 GCACCTGGTGACGTTCTGCCTGGGTGAGGACGATGGCGTGCATACCGTGGAGGATGCCTC  
 CAGGAAGTTGGCGTCATGGATAGCCAGGCGGAGTCTGGGCACAGGAGATGCTGCTGCG  
 AGTGTCTCCCGACCATGTACGCTGCTCGACCCGGCCTCAAGGAGGAGCTGGAGTCGTA  
 CCCACTGGGCGCCATCGTGCGCTGTGACGCGGTGATGCCACCCGGCAGGAGCCGCTCGTT  
 GCTGCTGCTCGTGTGCCAGGAACCCGAGCGCGCGCAGCCGACGTGCACTTCTCCAGGG  
 CCTGCGCCTCGGGGCGGAGCTGATCCGAGAGGACATCCAGGGGGCTTGCACAATTACCG  
 CTCGGGCCGCGGGGAGCGCAGGGCGGGCGCTCAGGGCCACGCAGGAGGAGTTGCAGCG  
 CGACCGCTCGCCCGCGTGTAGACCCCGCCCTGCAGCGCCCGCCGTAGTCCGCGCAGT  
 GATCAGCACCGTAGAGCGGGGCGGGGCGGGACGACCCAGGCGAAGCCATTCCCGA  
 GGCAGAGGAGGCGCAGAGCCTGAGCCGTTGGGGACCTCGAGCAACGCTGACTCGGCCTC  
 CCCGACCTGGTCCCGGGGTCTGACCTGGCGTTCTGCAGGCGGAGCGGGAAGTGG  
 CATCTGAACCACGTGTTTCGACGACGTAGAGAGCTTGTATCGAGGCTGCAGAAGTCGGC  
 GGAGGCGGCCAGGGTGTGGAGCACCGGAACGCGGCCGAGGAGCCGCGCCGGGCGGC  
 TGGGGAGGGCTTGTGACGCTGCGGGCCAAGCCGCCCTCGGAGGCGGAGTACACCGACGT  
 GCTGCAGAAGTCAAGTACGCCTTACGCTGTGGCCCGGCTGCGCGGCAACATCGCCGA  
 CCCCTCCTCTCCGGAGCTGTTGCACTTCTTTTCGGGCCTTGCAGATGATTGTGAACAC  
 GTCGGGGGGCCGGAGTTCGCGAGCAGTGTGCGGCGGCCGATCTGACATCGGATGCCGT  
 GCGCTGTGCGGGACAACGCTCACTCCAGTGAACAGGCTCTGGACCTCGCTGGGGGA  
 CTGCTGGACCCCGCCGGGCTGGAGCTGTCCCGGAGGAGGAGCCCCATACAGACCCGA  
 GTTCTTACGCGGCTGGGAGCCGCGGTACTGACCCGAGAGCCGCGCCTGGGAGGACCC  
 AGTTGAGAAACAGCTACAGCACGAGCGGAGGCGCCGCGCAGGTGACCCAAGCGACACAGCA  
 GGGCCGAGGCTGGGAAGTCCGGGGGCGCGCCGGTCCGCTGGCCCCGCTGACCCGACT  
 GTCTTACTTCTACAGCAAAGCGCCCCCAGGTCGCTGTCAATGGTACCCGAGACTTGG  
 GCCAGAATCTGAGCCTCAGTGGAGTACAGACAGCAGGAAAATGGTCTGTGTAATTA  
 TGACTTCCAGGCCGCAACAGCAGTGTGCTGCTCAAGCAGCGGGACGTAAGGAGGT  
 CCTGGAGGACAAAGAGAAAGTGTGAGAGTGGAGCAGTGTGAGGAGGAGGAGGAGGAG  
 GGTGGAAGGCGAGGTGGAAATGGAGGTCAATTTGACCTGCCAGGCCCTTCGCAAAGAGT  
 GACGAGGCCCGTGGGAGAACGGACTCCTCAGACTCTCCCAATAGCGGAAGTCGATCTT  
 CTGAAGGATGGCCAATCTGCTCCGGCCCTGGTCTTCCCCCATCCCGGTGGACAGACTTAA  
 CGATCCTTGTGTCAGTCCCTCCGGAGAGGATCTGGACTGGCTGGGAGTGGGGAGGGCGTG  
 GAGACAGTCTACGAAAGCGCTAGCAGACCCCGAGAGGGTGCAGTGGAGCCCTGAGCAT  
 TGTAATATGCGGCCAGCCTATAAACAGCCTCCGTGCTTAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_139204

**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.

<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>NM_139204.1, NP_631943.1</u>
<b>RefSeq Size:</b>	2162 bp
<b>RefSeq ORF:</b>	1656 bp
<b>Locus ID:</b>	54869
<b>Cytogenetics:</b>	19q13.42
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>This gene encodes a protein that is related to epidermal growth factor receptor pathway substrate 8 (EPS8), a substrate for the epidermal growth factor receptor. The function of this protein is unknown. At least two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and has multiple coding region differences, all of which maintain the reading frame, compared to variant 1. It encodes a shorter isoform (c) with a different N-terminus compared to isoform a.</p>