

## Product datasheet for **SC314543**

### EPS8L1 (NM\_133180) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EPS8L1 (NM_133180) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPS8L1
Synonyms:	DRC3; EPS8R1; PP10566
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



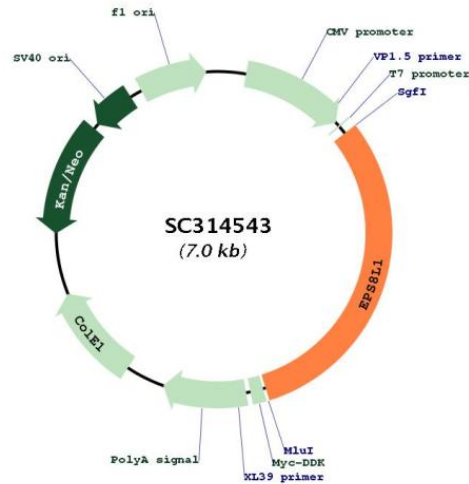
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**Fully Sequenced ORF:** >SC314543 representing NM\_133180.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGAGCACCGCCACAGGCCAGAAGCTGCCCAAAGCCAAGCCAAAGTCTATCTATGAGCAGAGGAAG
GGTTACTCCACAGTTGTTATGGCTGATGTATCCAGTACCCAGTCAATCACCTGGTGACGTTCTGCCTG
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CGAGTCTGGGCACAGGAGATGCTGCTGCGAGTGTCTCCGACCATGTCACGCTGCTCGACCCGGCCTCC
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GTGGAAGGCGAGGTGAAATGGAGTCATTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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**Restriction Sites:** SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_133180

**Insert Size:** 2172 bp

**OTI Disclaimer:** 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](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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:	<a href="#">NM_133180.2</a>
RefSeq Size:	2607 bp
RefSeq ORF:	2172 bp
Locus ID:	54869
UniProt ID:	<a href="#">Q8TE68</a>
Cytogenetics:	19q13.42
Domains:	SH3, PID
Protein Families:	Druggable Genome
MW:	80.3 kDa
Gene Summary:	<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 (1) encodes the longer isoform (a).</p>