

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
 GCTGCTGCTCGTGTGCCAGGAACCCGAGCGCGCGCAGCCGACGTGCACTTCTTCCAGGG
 CCTGCGCCTCGGGGCGGAGCTGATCCGAGAGGACATCCAGGGGGCTTGCACAATTACCG
 CTCGGGCCGCGGGGAGCGCAGGGCGGGCGCTCAGGGCCACGCAGGAGGAGTTGCAGCG
 CGACCGCTCGCCCGCTGAGACCCCGCCCTGCAGCGCCCGCTCAGTCCGCGCAGT
 GATCAGCACCGTAGAGCGGGGCGGGGCGGGACGACCCAGGCGAAGCCATTCCCGA
 GGCAGAGGAGGCGCAGAGCCTGAGCCGTTGGGACCTCGAGCAACGCTGACTCGGCCTC
 CCCGACCTGGTCCCGGGTCTGACCTGGCGTTCTGCAGGCGGAGCGGGAAGTGGGA
 CATCTGAACCAGTGTTCGACGACGTAGAGAGCTTGTATCGAGGCTGCAGAAGTCGGC
 GGAGGCGGCCAGGGTGTGGAGCACCGGAACGCGGCCGAGGAGCCGCGCCGGGCGGC
 TGGGGAGGGCTTGTGACGCTGCGGGCAAGCCGCCCTCGGAGGCCGAGTACACCGACGT
 GCTGCAGAAGTCAAGTACGCTTACGCTGCTGGCCCGCTGCGCGGCAACATCGCCGA
 CCCCTCCTCTCCGAGCTGTTGCACTTCTTTTCGGGCCTTGCAGATGATTGTGAACAC
 GTCGGGGGGCCGGAGTTCGCGAGCAGTGTGCGCGGCCGCATCTGACATCGGATGCCGT
 GCGCTGCTGCGGGACAACGCTCACTCCAGTGAACAGGCTCTGGACCTCGCTGGGGGA
 CTCGTGGACCCCGCCGGGCTGGAGCTGTCCCGGAGGAGGACCCCATACAGACCCGA
 GTTCTTACGCGGCTGGGAGCCGCGTCACTGACCCGAGAGCCGCGCCTGGGAGGACCC
 AGTTGAGAAACAGCTACAGCACGAGCGGAGGCGCCGCGCAGGTGACCCAAGCGACACAGA
 GGGCCGAGGCTGGGAAGTCCGGGGGCGCGCCGGTCCGCTGGCCCCGCTGACCCGACT
 GTCTTACTTCTACAGCAAAGCGCCCCCAGGTCGCTGTCAATGGTCAACGAGACTTGGGA
 GCCAGAATCTGAGCCTCAGTGGAGTCAAGACAGCAGGAAAATGGTCTGTGTAATTA
 TGACTTCCAGGCCGCAACAGCAGTGTGCTGCTCAAGCAGCGGGACGTAAGGAGGT
 CCTGGAGGACAAAGAGAAAGTGTGAGAGTGGAGCAGTGTGAGAGCAAGAAAAGAGAA
 GGTGGAAGGCGAGGTGGAAATGGAGTCAATTTGACCTGCCAGGCCCTTCGCAAAGAGT
 GACGAGGCCCGTGGGAGAACGGACTCCTCAGACTCTCCCAATAGCGGAAGTCGATCTT
 CTGAAGGATGGCAATCTGCTCCGGCCCTGGTCTTCCCCATCCCGGTGGACAGACTTAA
 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.

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:	<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:	<u>NM_139204.1, NP_631943.1</u>
RefSeq Size:	2162 bp
RefSeq ORF:	1656 bp
Locus ID:	54869
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome
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 (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>