

Product datasheet for **MC228754**

Eps8l1 (NM_001290416) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eps8l1 (NM_001290416) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eps8l1
Synonyms:	2310051G19Rik; 4632407K17Rik; AW060268; DRC3; EPS8R1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228754 representing NM_001290416
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCACCACCACAGGGCCTGAAGCTGCACCCAAACCAAGTGCAAAGTCTATCTATGAACAGAGAAAAC
 GTTACTCCACCGTGGTTATGGCTGACGTGTCCAGTATCATGTCAATCACCTGGTACCTTCTGCTTGGG
 GGAAGAAGATGGCGTGACACTGTGGAAGATGCTTCCAGAAAGCTGGCAGTCATGGACAGCCAGGGGCGT
 GTCTGGGCACAGGAGATGCTACTGAGAGTGTACCTAGTCAAGTCACTCTGCTTGATCCAGTCTCCAAGG
 AAGAACTAGAGTCATATCCTCTCGATGCCATCGTACGCTGCGACGCGGTGATGCCCGAGGACGGAGCCG
 TTCATTGCTGCTCCTGGTGTGCCAGGAGCCAGAGCGTGCACAGCCGGATGTTCAATTTCTCCAGGGCCTG
 CTCCTCGGAGCGGAGTGTCCGTGAGGACATCCAAGGGGCTCTGCAGAACTACCGCTCCGGACGTGGAG
 AACGCAGGGCAGCAGCGCTCAGGGCGACGAGGAGGAGCTGCGACGCGGGCCTCTCCAGCAGCGGAGAC
 CCCGCCCTTACAGCGTCGCCCGTGTCCGCTGGTGTCAACACCGTGAACCATCCGAGTCCGCGGG
 CGACCCCAAGTGGAGTCAATCCAGAGACTGAGGAAGCAAGGAAACCCGACCAAGCTCGCACGACTAGCA
 GTGCTGACCCTACCTCCCAGACTTGGGCCAAGAGGACCTGAGCTGGCGGGTCTGCAGGCAGAGCGGGA
 TGTGGATATTCTGAACCAGTGTGGACGCTGGAGAGTTTTGTATCCAGACTGCAAAAATCAGCAGAG
 GCTACCCGGGTTTTGGAGCACCGCGAGAGAGGCCCGCAGGACACGACGCCGAGCTGCGGGAGAGGGTCTGC
 TGACACTGAGGGCCAAGCCACCCACTGAGGCTGAGTACACCGAGCTGCTTCAAAAATCAAAATACGCTT
 CAGTCTGCTGGCCGGTGTGCGAGGCAACATCGCCAACCCCTCCTCCAGAGCTGTTGCACTTTCTGTTT
 GGACCTTGACAGATGATTGTGAACACTTCAGGCGGCCCTGAGTTCGCGAAGAGTGTGCGACGACCCGATT
 TGACGTTGGAGGCTGTGACTCTGCTCCGCGACAATGTCACTCTGGTGAATAAATGAATATGGACCTCGCT
 GGGAGACTCCTGGACTGCCAGGGGTGGAGCTGCCCGGAAGAAGGGTCTCCATACAGTCCGGAATTC
 TACAATGGCTGGGAGCCTCCGGCCACTGATCCACAGGGCCGCCCTGGGAGGACCAAGTGAAAAACAGC
 TACAACACGAGAAGCGCGCAGGCAGCAAAAGCGCCCCCAGGTCGCGGTCAATGGTCAGCAAGATCCAGA
 ACTGAAAATGAGTCCCAGCTAGAAGAGAAAGCCAGAAAATGGGTTCTGTGTAATTATGACTTCCAGGCC
 CGAAATGGCAGCGAGCTATCTGTCAAGCACCGAGATGTGTTGGAGGTCTGGATGACAGGCGCAAAATGGT
 GGAAGGTTGCGGACCATCAGGGACAAGAGGGCTATGTACCCTATAATATCCTGACACCCACCTGGACC
 TCAGGTGCACCGCAGCCAAAGCCCCGCAAGACACCTAGAGACTAGCACACCTCCTCCCCACCTGCCCA
 GCTCCAGCCCCAACTCAGGTGCGGCCCCAGTGGGACAGTTGCGACAGTCTAACAGTTTGGATCCCAGCG
 AGAAGGAGAAATCTCCCAGATGCTTTGTGTCAATGAGGAGCTGCAGTCGCGCCTGGCGCAGGGCGGTTT
 GGGTCCCAGCCGGTAACCCCGGGGCCCGAGCCCAAGAGCCCCAGCTCAGCCCGCGCTCTGAGGCCTCG
 GTGGTCCGTGCCTGGCTGCAGACCAAGGGCTTTAGCTCCGGGACTGTGGAGGCGCTCGGTGTGTGACCG
 GCGCACAGCTTCTCGCTGCAAAAGGAAGAGTTGCGGGCGGTGTGCCCGAGGAAGGGGCGCGAGTGTA
 CAGCCAAGTCACTGTGCAGCGCGCTGCTGGAGGACAGAGAAAAAGTATCAGAGCTGGAGGCCGTGATG
 GAGAAGCAAAAGAAAAAAGTGAAGGCGAGACCAAAACAGAAGTCATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290416
Insert Size: 2151 bp

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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290416.1</u> , <u>NP_001277345.1</u>
RefSeq Size:	3868 bp
RefSeq ORF:	2151 bp
Locus ID:	67425
UniProt ID:	<u>Q8R5F8</u>
Cytogenetics:	7 A1
Gene Summary:	Stimulates guanine exchange activity of SOS1. May play a role in membrane ruffling and remodeling of the actin cytoskeleton (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.