

Product datasheet for **MC221013**

Eps8l1 (NM_026146) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eps8l1 (NM_026146) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eps8l1
Synonyms:	2310051G19Rik; 4632407K17Rik; AW060268; DRC3; EPS8R1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221013 representing NM_026146
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCACCACCACAGGGCCTGAAGCTGCACCCAAACCAAGTGCAAAGTCTATCTATGAACAGAGAAAAC
 GTTACTCCACCGTGGTTATGGCTGACGTGTCCAGTATCATGTCAATCACCTGGTCACCTTCTGCTTGGG
 GGAAGAAGATGGCGTGACACTGTGGAAGATGCTTCCAGAAAGCTGGCAGTCATGGACAGCCAGGGGCGT
 GTCTGGGCACAGGAGATGCTACTGAGAGTGTACCTAGTCAAGTCACTCTGCTTGTATCCAGTCTCCAAGG
 AAGAACTAGAGTCATATCCTCTCGATGCCATCGTACGCTGCGACGCGGTGATGCCCGAGGACGGAGCCG
 TTCATTGTGCTCCTGGTGTGCCAGGAGCCAGAGCGTGCACAGCCGGATGTTCAATTTCTCCAGGGCCTG
 CTCCTCGGAGCGGAGTGTCCGTGAGGACATCCAAGGGGCTCTGCAGAACTACCGCTCCGGACGTGGAG
 AACGCAGGGCAGCAGCGCTCAGGGCGACGAGGAGAGTGCACGCGGGCCTCTCCAGCAGCGGAGAC
 CCCGCCCTTACAGCGTCGCCCGTGTCCGCTGGTGTCAACACCGTGAACCATCCGAGTCCGCGGG
 CGACCCCAAGTGGAGTCAATCCAGAGACTGAGGAAGCAAGGAAACCCGACCAAGCTCGCACGACTAGCA
 GTGCTGACCCTACCTCCCAGACTTGGGCCAAGAGGACCTGAGCTGGCGGGTCTGCAGGCAGAGCGGGA
 TGTGGATATTCTGAACACGTTTGTGACGCTGGAGAGTTTTGTATCCAGACTGCAAAAATCAGCAGAG
 GCTACCCGGGTTTTGGAGCACCGCAGAGAGGCCCGCAGGACACGACGCCGAGCTGCGGGAGAGGGTCTGC
 TGACACTGAGGGCCAAGCCACCCACTGAGGCTGAGTACACCGAGCTGCTTCAAAAATCAATACGCCTT
 CAGTCTGCTGGCCGGTGTGCGAGGCAACATCGCCAACCCCTCCTCTCCAGAGCTGTTGCACTTTCTGTTT
 GGACCTTGACAGATGATTGTGAACACTTCAGGCGGCCCTGAGTTCGCGAAGAGTGTGCGACGACCCGATT
 TGAGCTTGGAGGCTGTGACTCTGCTCCGCGACAATGTCACTCTGGTGAATAATGAATATGGACCTCGCT
 GGGAGACTCCTGGACTGCCAGGGGTGGAGCTGCCCGGAAGAAGGGTCTCCATACAGTCCGGAATTC
 TACAATGGCTGGGAGCCTCCGGCCACTGATCCACAGGGCCGCCCTGGGAGGACCCAGTGGAAAAACAGC
 TACAACACGAGAAGCGCGCAGGCAGCAAAAGCGCCCCCAGGTCGCGGTCAATGGTCAAGATCCAGA
 ACTGAAAATGAGTCCCAGCTAGAAGAGAAAGCCAGAAAATGGGTTCTGTGTAATTATGACTTCCAGGCC
 CGAAAATGGCAGCGAGCTATCTGTCAAGCACCGAGATGTGTTGGAGGTCTGGATGACAGGCGCAATGGT
 GGAAGGTTCCGGGACCATCAGGGACAAGAGGGCTATGTACCCTATAATATCCTGACACCCACCCCTGGACC
 TCAGGTGCACCGCAGCCAAAGCCCCGCAAGACACCTAGAGACTAGCACACCTCCTCCCCACCTGCCCA
 GCTCCAGCCCCAACTCAGGTGCGGCCCCAGTGGGACAGTTGCGACAGTCTAACAGTTTGGATCCCAGCG
 AGAAGGAGAAAATCTCCCAGATGCTTTGTGTCAATGAGGAGCTGCAGTCGCGCCTGGCGCAGGGCGGTTT
 GGGTCCCAGCCGGTAACCCCGGGGCCCGAGCCCAAGAGCCCCAGCTCAGCCCGCGCTCTGAGGCCTCG
 GTGGTCCGTGCCTGGCTGCAGACCAAGGGCTTTAGCTCCGGGACTGTGGAGGCGCTCGGTGTGTGACCG
 GCGCACAGCTCTTCTCGCTGCAAAAGGAAGAGTTGCGGGCGGTGTGCCCGAGGAAGGGGCGCGAGTGTA
 CAGCCAAGTCACTGTGCAGCGCGCTGCTGGAGGACAGAGAAAAAGTATCAGAGCTGGAGGCCGTGATG
 GAGAAGCAAAAGAAAAAAGTGGAAAGCGAGACCAAAACAGAAGTCATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_026146

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).

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_026146.4</u> , <u>NP_080422.1</u>
RefSeq Size:	3774 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 (2) differs in the 5' UTR compared to variant 1. 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.