

Product datasheet for **SC320420**

EPS8L1 (NM_017729) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPS8L1 (NM_017729) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPS8L1
Synonyms:	DRC3; EPS8R1; PP10566
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_017729.2
AAGTTCTGGAAGGCAGTGGGGTTTGAGATTGGACCCAGGGTCAAGATAGAACATGAAGGT
GGGATGAGGACATGAACAGAACATGGCCAAGAAGGATCTGGGGGAGCAGCCAGGACGAGG
CGGAGCTGATCCGAGAGGACATCCAGGGGGCTCTGCACAATTACCGCTCGGGCCGCGGGG
AGCGCAGGGCGGGCGGCTCAGGGCCACGCAGGAGGAGTTGCAGCGCGACCGCTCGCCCCG
CCGCTGAGACCCCGCCCTGCAGCGCCGCCCTCAGTCCGCGCAGTGATCAGCACCGTAG
AGCGGGGCGGGCCGCGGACGACCCAGGCGAAGCCCATTCGAGGCAGAGGAGGCGC
AGAGGCTGAGCCGGTGGGGACCTCGAGCAACGCTGACTCGGCCTCCCGGACCTGGGTC
CCCGGGGTCTGACCTGGCGTTCTGCAGGCGGAGCGGGAAGTGACATCCTGAACACG
TGTTGACGACGTAGAGAGCTTTGTATCGAGGCTGCAGAAGTCGCGGAGGCGGCCAGGG
TGCTGGAGCACCGGAACGCGGCGCAGGAGCCGCGCGGGCGGCTGGGGAGGGCTTGC
TGACGCTGCGGGCAAGCCGCCCTCGGAGGCCGAGTACACCGACGTGCTGCAGAAGATCA
AGTACGCTTCAGCCTGCTGGCCCGGCTGCGCGGCAACATCGCCGACCCCTCCTCTCCGG
AGCTGTTGCACTTCCTTTTCGGGCTCTGCAGATGATTGTGAACACGTCGGGGGGCCGG
AGTTCGCGAGCAGTGTGCGGCGGCGCATCTGACATCGGATGCCGTGGCGCTGCTGCGGG
ACAACGCTCACTCCACGTGAAACGAGCTCTGGACCTCGCTGGGGGACTCGTGACCCGCC
CCGGGCTGGAGCTGTCCCGGAGGAGGGACCCCATACAGACCCGAGTTCTTCAGCGGT
GGGAGCCCGCGGTCACTGACCCGAGAGCCGCGCTGGGAGGACCCAGTTGAGAAACAGC
TACAGCACGAGCGGAGGCGCGGCGAGCAAGCGCCCCCAGGTCGCTGTCAATGGTCACC
GAGACTTGAGCCAGAATCTGAGCCTCAGCTGGAGTACAGAGACAGCAGGAAAATGGGTCC
TGTGTAATTATGACTTCCAGGCCCGCAACAGCAGTGAGCTGTGCGTCAAGCAGCGGGACG
TACTGGAGGTCTGGATGACAGTCGTAAGTGGTGAAGGTTGCGGACCCAGCGGGGACG
AGGGATATGTGCCCTACAACATCCTGACACCCTACCCCGACCCCGGCTGCACCACAGCC
AAAGCCCTGCCCCGAGCCTGAACAGCACTCCTCCTCCACCACGCCCCAGCCCCGGCCC
CACCTCCAGCTCTGGCTCGGCCCGCTGGGACAGGCCCGCTGGGACAGCTGCGATAGCC
TCAACGGCTTGAGCCCCAGCGAGAAGGAGAAATTCTCCAGATGCTCATCGTCAACGAGG
AACTGCAGGCGCGCTGGCCAGGGCGCTCGGGACCGAGCCGCGCAGTCCAGGGCCCC
GCGCCCCGAACCGCAGCTCAGCCCGGGCTCGGACGCTCCGAGGTCCGCGCTGGCTGC
AGGCCAAGGGCTTAGCTCCGGGACCGTGGACGCGCTGGGTGTGCTGACCGGGGCGCAGC
TTTTCTCGCTGCAGAAGGAGGAGCTGCGGGCGGTGAGCCCCGAGGAGGGGACACGTGTGT
ACAGCCAGGTACCGTGCAGCGCTCGCTGCTGGAGGACAAAGAGAAAGTGTGAGAGCTGG
AGGCAGTGATGGAGAAGCAAAAGAAGGTGGAAGGCGAGGTGGAATGGAGGTCAATT
GACCTGCCAGGCGCCCTTCGCAAGAGTGACGAGGCCCGTGGGAGAACGGAATCCTCAG
ACTCTCCCAATAGCGGAAGTCGATTTTTTTGAAGGATGGCCAATTTGCTCCGGCCCTGGT
TTTCCCCATCCCGGTGGACAGACTTAACGATCCTTGCTGCAGTCCCTCCGGAGAGGATT
TGGACTGGCTGGGAGTGGGGAGGGCGTGGAGACAGTTTACGGAAGCGCTAGCAGACCCC
CGAGAGGGTGAGTGGAGCCCTGAGCATTGTAATATGCGGCCACGCTATAAACAGCCTC
CGTGCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_017729

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:	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_017729.2, NP_060199.2</u>
RefSeq Size:	2221 bp
RefSeq ORF:	1791 bp
Locus ID:	54869
UniProt ID:	<u>Q8TE68</u>
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome
Gene Summary:	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] Transcript Variant: This variant (2) differs in the 5' UTR and contains an alternate in-frame segment in the 5' coding region compared to variant 1. It encodes a shorter isoform (b) with a different N-terminus compared to isoform a.