

Product datasheet for **RG204919**

EPS8L1 (NM_017729) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPS8L1 (NM_017729) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EPS8L1
Synonyms:	DRC3; EPS8R1; PP10566
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG204919 representing NM_017729
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACAGAACATGGCCAAGAAGGATCTGGGGAGCAGCCAGGACGAGGCGGAGCTGATCCGAGAGGACA
 TCCAGGGGGCTCTGCACAATTACCGCTCGGGCCGCGGGAGCGCAGGGCGGCGGCGCTCAGGGCCACGCA
 GGAGGAGTTGCAGCGCGACCGCTCGCCCGCGCTGAGACCCCGCCCTGCAGCGCCGCGCCGTCAGTCCGC
 GCAGTGATCAGCACCGTAGAGCGGGCGCGGGCGCGGACGACCCAGGCGAAGCCCATTCCTCCGAGGACG
 AGGAGGCGCAGAGGCTGAGCCGGTGGGACCTCGAGCAACGCTGACTCGGCCTCCCGGACCTGGGTCC
 CCGGGTCTGACCTGGCGTTCTGCAGCGGAGCGGGAAGTGGACATCTGAACCACGTGTTTCGACGAC
 GTAGAGAGCTTTGTATCGAGGCTGCAGAAGTGGCGGAGGCGCCAGGGTCTGGAGCACCGGGAACGCG
 GCCGAGGAGCGCGCGCGGGCGGCTGGGAGGGCTTGTGACGCTGCGGGCCAAGCCGCCCTCGGAGGC
 CGAGTACACCGACGTGCTGCAGAAGATCAAGTACGCCCTCAGCCTGCTGGCCCGGCTGCGCGGCAACATC
 GCCGACCCCTCCTCTCCGAGCTGTTGCACTTCTTTTCGGGCCTCTGCAGATGATTGTGAACACGTCGG
 GGGGCGCGGAGTTCGCGAGCAGTGTGCGCGGCCGCATCTGACATCGGATGCCGTGGCGTGTGCGGGA
 CAACGTCACTCCACGTGAAAACGAGCTCTGGACCTCGTGGGGGACTCGTGGACCCGCCCGGGCTGGAG
 CTGTCCCGGAGGAGGACCCCATACAGACCCGAGTTCTTCAGCGGCTGGGAGCCGCCGGTCACTGACC
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 CCCGCTGGGACAGGCCCCGCTGGGACAGCTGCGATAGCCTCAACGGCTTGAGCCCGAGGAGGAGAA
 ATTCTCCAGATGCTCATCGTCAACGAGGAAGTGCAGGCGCGCTGGCCAGGGCCGCTCGGACCGAGC
 CGCGCAGTCCAGGGCCCCGCGCCCGGAACCGCAGCTCAGCCCGGGCTCGGACGCTCCGAGGTCCGCG
 CCTGGCTGCAGGCAAGGGCTTTAGCTCCGGGACCGTGGACGCGCTGGGTGTGCTGACCGGGGCGCAGCT
 TTTCTCGCTGCAGAAGGAGGAGCTGCGGCGGTGAGCCCCGAGGAGGGGGCACGTGTGTACAGCCAGGTC
 ACCGTGCAGCGCTCGCTGCTGGAGGACAAAGAGAAAGTGTGAGAGCTGGAGGCAGTGATGGAGAAGCAA
 AGAAGAAGGTGAAGGCGAGGTGAAATGGAGGTCATT

ACGCGTACGCGGCGGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

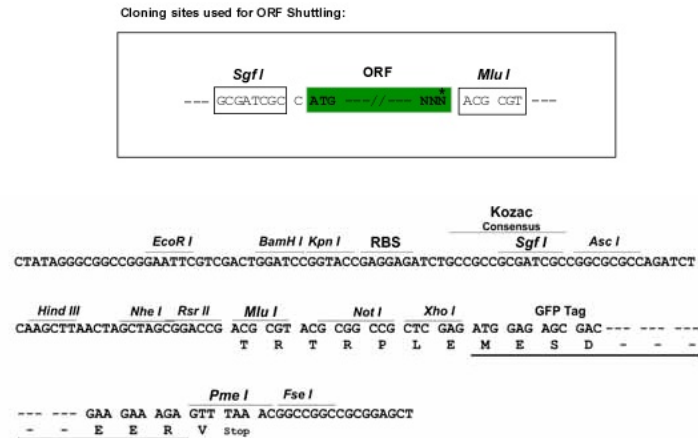
>RG204919 representing NM_017729
 Red=Cloning site Green=Tags(s)

MNRTWPRRIWGSSQDEALIREDIQGALHNYRSGRGERRAAALRATQEELQRDRSPAETPPLQRRPSVR
 AVISTVERGAGRGRPAKPIPEAEEAQRPEPVGTSSNADSASPDLGPRGPD LAVLQAEREVDILNHVDD
 VESFVSRLQKSAEAAARVLEHRERGRSRRRAAGEGLLTLRAKPPSEAEYTDVLQKIKYAFSLLARLRGNI
 ADPSSPELLHFLFGPLQMI VNTSGGPEFASSVRRPHL TSDAVALLRDNVTRENELWTS LGDSWTRPGL
 LSPEEGPPYRPEFFSGWEPPVTD PQSRAWEDPVEKQLQHERRRRQQSAPQVAVNGHRDLEPESEPLESE
 TAGKWVLCNYDFQARNSSSEL SVKQRDVLEVLDDSRKWWKVRDPAGQEGYVPYNI LTPYGPRLHHSQSPA
 RSLNSTPPPPAPAPAPPALARPWRDRPRWDCDSLNLDPSEKEKFSQMLIVNEELQARLAQGRSGPS
 RAVPGPRAPEPQLSPGSDASEVRAWLQAKGFSSTVDALGVL TGAQLFSLQKEELRAVSPEEGARVYSQV
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TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

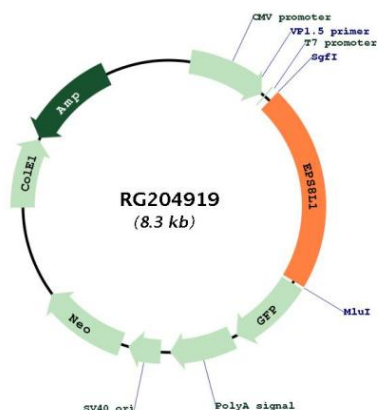
Cloning Scheme:


ACCN:	NM_017729
ORF Size:	1788 bp
OTI Disclaimer:	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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_017729.3 , NP_060199.3
RefSeq Size:	2221 bp
RefSeq ORF:	1791 bp
Locus ID:	54869
UniProt ID:	Q8TE68
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]

Product images:



Circular map for RG204919