

Product datasheet for **SC112421**

EPS8L2 (NM_022772) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPS8L2 (NM_022772) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPS8L2
Synonyms:	DFNB106; EPS8R2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC112421 sequence for NM_022772 edited (data generated by NextGen Sequencing)

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ATGAGCCAGTCCGGGGCCGTGAGCTGCTGCCCGGGTGCCACCAATGGCAGCCTGGGCCGG
TCCGACGGTGTGGCCAAGATGAGCCCCAAGGACCTGTTTGAGCAGAGGAAGAAGTATTCC
AACTCCAACGTCATCATGCACGAGACCTCGCAGTACCAGTCCAGCACCTGGCCACATTC
ATCATGGACAAGAGCGAAGCCATCACGTCTGTGGACGACGCCATCCGGAAGCTGGTGCAG
CTGAGCTCCAAGGAGAAGATCTGGACCCAGGAGATGCTGCTGCAGGTGAACGACCAGTCG
CTGCGGCTGCTGGACATCGAGTCACAGGAGGAGCTGGAAGACTTCCCCTGCCACGGTG
CAGCGCAGCCAGACGGTCTCAACCAGCTGCGCTACCCGTCTGTGCTGCTGCTCGTGTGC
CAGGACTCGGAGCAGAGCAAGCCGGATGTCCACTTCTTCCACTGCGATGAGGTGGAGGCA
GAGCTGGTGCACGAGGACATCGAGAGCGGTTGGCCGACTGCCGGCTGGGCAAGAAGATG
CGGCCGACAGCCCTGAAGGGACACCAGGAGAAGATTGCGCAGCGGCAGTCCATCTGCCT
CCTCCCCAGGGCCCGGCCCATCCCCTCCAGCACCGCGCGGGGATTCCCCGGAGGCC
AAGAATCGCGTGGGCCCGCAGGTGCCACTCAGCGAGCCAGGTTTCCGCCGTCGGGAGTCG
CAGGAGGAGCCGCGGGCCGTGCTGGCTCAGAAGATAGAGAAGGAGACGCAAAATCCTCAAC
TGCCGCCCTGGACGACATCGAGTGGTTTGTGGCCCGGCTGCAAGAAGGCAGCCGAGGCTTTC
AAGCAGCTGAACCAGCGGAAAAAGGGGAAGAAGAAGGGCAAGAAGGCGCCAGCAGAGGGC
GTCCTCACACTGCGGGCACGGCCTCCCTCTGAGGGCGAGTTTCATCGACTGCTTCCAGAAA
ATCAAGCTGGCGATTAACCTTGTGGCAAAGCTGCAGAAGCACATCCAGAACCCACGCGCC
GCGGAGCTCGTGCACCTTCTTTCGGGCTCTGGACCTGATCGTCAACACCTGCAGTGGC
CCAGACATCGCACGCTCCGTCTCCTGCCACTGCTCTCCCGAGATGCCGTGGACTTCTTG
CGCGGCCACCTGGTCCCTAAGGAGATGTCGCTGTGGGAGTCACTGGGAGAGAGCTGGATG
CGGCCCCGTTCCGAGTGGCCGCGGGAGCCACAGGTGCCCTCTATGTGCCAAGTCCAC
AGCGGCTGGGAGCCTCCTGTGGATGTGCTGCAGGAGGCCCTGGGAGGTGGAGGGGCTG
GCGTCTGCCCCATCGAGGAGGTGAGTCCAGTGAGCCGACAGTCCATAAGAACTCCAG
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CCACATACTACAGGGGTACCAGCCAACACCAGCCATGGCCAAGTACGTCAAGATCCTG
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GTGCCCTGCAACATCCTAGGCGAGGCGCGACCGGAGGACCGCGGCCCGCCGTTTCGAGCAG
GCCGGTCAAGAAGTACTGGGGCCCGCCAGCCCGACCCACAAGCTACCCCCAAGCTTCCCG
GGGAACAAGACGAGCTCATGCAGCACATGGACGAGGTCAACGACGAGCTCATCCGAAA
ATCAGCAACATCAGGGCGCAGCCACAGAGGCACTTCCGCGTGGAGCGCAGCCAGCCCGTG
AGCCAGCCGCTCACCTACGAGTCGGGTCCGGACGAGGTCCGCGCCTGGTGGAAAGCAAG
GCCTTCAGCCCGGGATCGTGGAGAACCCTGGGCATCCTGACCGGGCCGACGCTTCTCTCC
CTCAACAAGGAGGAGCTGAAGAAAGTGTGCGGCGAGGAGGGCGTCCGCGTGTACAGCCAG
CTCACCATGCAGAAGGCCTTCTGGAGAAGCAGCAAAGTGGGTGCGAGCTGGAAGAACTC
ATGAACAAGTTTCATTCATGAATCAGAGGAGGGGGAGGACAGCTAG

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Clone variation with respect to NM_022772.3
924 c=>t;1245 c=>t

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_022772 unedited
TACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGGCGCCCCGGCCGAGGCGC
GAACAGACGGACGCACCCGGCGAGCGCCGAGGGGACAGGCCGAGCGGGGCGCCGGATGC
AGGTGTGGGACAGGCACTGGCCTCAGACCGGGGCCACACTGAGGTCTGCCCTTCTCCCGC
TGGCCGCCACCCAGGACACCATGAGCCAGTCCGGGGCCGTGAGCTGCTGCCCGGGTGCCA
CCAATGGCAGCCTGGGCCGGTCCGACCGTGTGGCCAAGATGAGCCCCAAGGACCTGTTTG
AGCAGAGGAAGAAGTATTCCAACCTCCAACGTCATCATGCACGAGACCTCGCAGTACCACG
TCCAGCACCTGGCCACATTCATCATGGACAAGAGCGAAGCCATCACGTCTGTGGACGACG
CCATCCGGAAGCTGGTGCAGCTGAGCTCCAAGGAGAAGATCTGGACCCAGGAGATGCTGC
TGCAGGTGAACGACCACTCGCTGCGGCTGCTGGACATCGAGTCACAGGAGGAGCTGGAAG
ACTTCCCCTGCCACGGTGCAGCGCAGCCAGACGGTCTCAACCAGCTGCGCTACCCGT
CTGTGCTGCTGCTGCTGTCAGGACTCGGAGCAGAGCAAGCCGGATGTCCACTTCTTCC
ACTGCGATGAGGTGGGAGCAGAGCTGGTGCACGAGGACATCGAGAGCGCNGTGGCCGACT
GCCCGCTGGGCAAGAAGAATGCCCGCCANACCCCTGAGGGACACCCAGAGAAGTATCGG
GAGCGGNAGTCCATTCTGGCTNCTCCCCAGGGCCGNGCCCATCCCTTTCACACCGGGNN
GGGATTCCCCGGAGGCAAGATCGGGTGCCCCAAGGGCCACTCANGAGCAAGTCCGCCG
TGGGAATCCAAGAGGACCCGGGGCTGCTGGCTAAAAGAAAAG
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3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_022772 unedited
TGTACCGCGCCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGACTTAACTGG
TTTAATTGCTTAGCCCTGGTGCCTCAGCCACCTCTCATCTGTAGGGTGGAGACTCAAGTCC
AGGCACCAAGACACACCAGCACCCCAACACCATGCGGGGATCATTGGCCTGAAACTTGG
CCAGAGAAAGCTCCAGTCTGGGCTGTAAAGTGGGCGCTGGGAGTGTCTGAAGCCGGC
ACGGTGTCCCCTGCGTTGTGCGGCCCTTGCAAGTGAAGTGTGTGCTTCCCCACTTTCC
CCCGAATGGCACCCACGGCTCCTGCTGGAGCCCTCCCGGGCCCCCTCAGGGAGCAGA
ACTCTGCGTGTGTGCGAGGTTACGCTGGCCAGCCTGGAGCTCCAGCTCACCCCTGGGGT
TGGATGGATGTANAAGTGGTGGGGATGGGGGAGCATCTCCGGGCTCTTTCCCTTCTTT
CGCTCCTGGTTTTCCCTTATATTCATGTTTTCACTACCCCCCCCCCTCCCTCCCCAC
CCTCCACACCCTTCCCGCCAACCCTCCATTTATCCTTATCACCCAGCACTCCTTCC
TTTCTCTTCTCGCCTCCCCGCTTCCCTCCTCCACTCCTCTACATCTCTTCTTCTC
CCTCCACCCCTCCCCCTCTCACGCTCCTCCCCATCCCTATCCTCCTCCTCCTCCCC
CCCTCCACCCACCCACACACCCCCCCCCCCCGCCAAACCCCTATCCTCACCTTCC
TCCCCCACTCTTCCAATACCCCCCCCTATTTCTCCACATCTTCTTACCTCC
TCTCACCCCAACCCTCCCCCTCACACCCCTACTTCCATCACGCCCTCTCCTCCT
CCTCCCCCTCTCCTCCACTTTCCCAT
```

Restriction Sites:

NotI-NotI

ACCN:

NM_022772

Insert Size:

3400 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:

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_022772.2](#), [NP_073609.2](#)

RefSeq Size: 3181 bp

RefSeq ORF: 2148 bp

Locus ID: 64787

UniProt ID: [Q9H6S3](#)

Cytogenetics: 11p15.5

Domains: SH3, PID

Protein Families: Druggable Genome

Gene Summary: This gene encodes a member of the EPS8 gene family. The encoded protein, like other members of the family, is thought to link growth factor stimulation to actin organization, generating functional redundancy in the pathways that regulate actin cytoskeletal remodeling. [provided by RefSeq, Dec 2008]