

Product datasheet for **MR209295**

Eps15l1 (NM_001122832) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eps15l1 (NM_001122832) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Eps15l1
Synonyms:	9830147J04Rik; AI593686; Eps15-rs; Eps15R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR209295 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCGGCGCGCTTGTACCCCTCTCGCAGCAGATTCCCGGTGGAATCCGTTATACGAGTCTTATTACA
 AGCAGGTGGACCTGCCTACACAGGGAGAGTTGGGGCAAGCGAGGCTGCGCTGTTTCTGAAGAAATCGGG
 GCTCTCAGACATCATCTGGGAAGATATGGGACTTGGCAGACCCCAAGGTAAAGGGTTCTTGACAAA
 CAGGGTTTCTATGTTGCACTGCGACTGGTGGCCTGTGCACAGAGTGGCCATGAAGTCACTTGAGCAGTC
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 TATGCACTTGGTGTACCGCGCCCTGGAGAAGGAACCAAGTCCCTCCATCTGCCCGGCCCTCATCCCA
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 ACAGCCTCCGCTCCACACCATCCACGGCAGCGTAAGCAGCCTCAACAGCACAGGAGCCTGTCCCCGAA
 GCACAGCGTCAAGCAGCCACCACTGGCCTGGGTTGTGCCTGTGGCAGATAAGATGCGCTTGTGATGATC
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 TCTTGCTGGCAGAGAGGGCGGCTTTGGAGCTATGGTAAAGGTCGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209295 protein sequence
 Red=Cloning site Green=Tags(s)

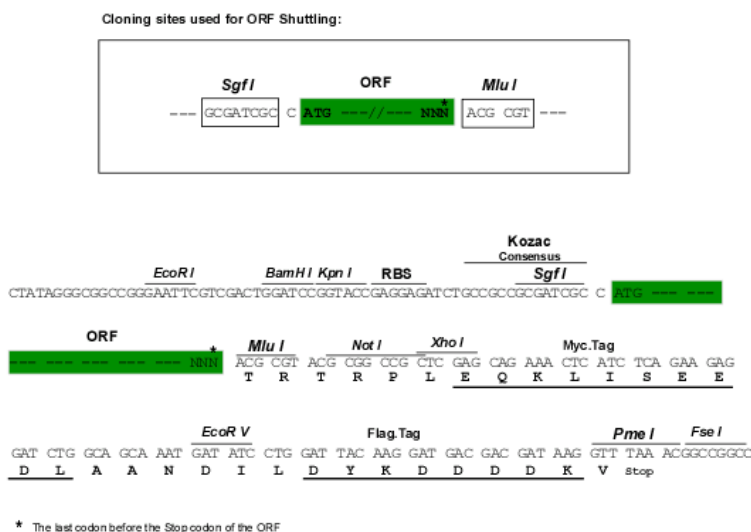
MAAPLVLSQQIPGGNPLYESYYKQVDPAYTGRVGASEAALFLKKSGLSDIILGKIWDLADPEGKGFLLDK
 QGFYVALRLVACAQSGHEVTLSSLSLTMPPPKFHDTSSPLMATQSSAETHWAVRVEEKAKFDGIFESLLP
 VNGLLSGDKVKPVLMSKLPDLVLRVWDLSDIDKGHLDRDEFAMHLVYRALEKEPVPSILPPPLIP
 PSKRKKTVFAGAVPVLPAAPPKDSLSTPSHGSVSSLNSTGSLSPKHSVKQPPVAWVVPVADKMRFDEI
 FLKTDLDLDGYVSGQEVKEIFMHSLTQNL LAHIWALADTRQTGKLSKEQFALAMYFIQKQVSKGIDPPQ
 VLSPTDMVPPSERGTPIPDSSSTLASGEFTGVKELDDISQEIQLQREKYSLEQDIREKEEAIKQKTEVQ
 ELQNDLDRETSSLQELEAQKQDAQDRLDEMDQKAKLRDMLSDVRQKQDETQTISSLKTIQSQESDLK
 SQEDDLNRAKSELNRLQQEETQLEQSIQAGRAQLETILRLSKCTQDDINQARSKLSQLQESHLEAHRSL
 QYDQVPDGVSGTSLPDLATLNEGILLAERGGFGAMVKVE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM 001122832

ORF Size: 1797 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001122832.1](#), [NP_001116304.1](#)

RefSeq Size: 3397 bp

RefSeq ORF: 1800 bp

Locus ID: 13859

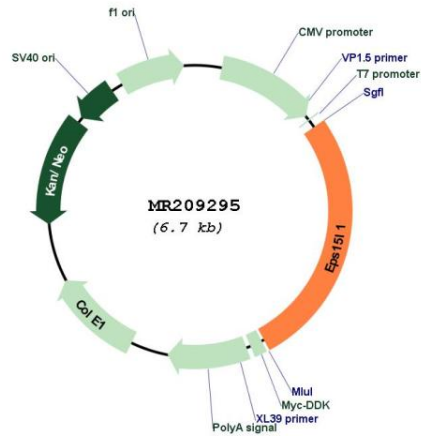
UniProt ID: [Q60902](#)

Cytogenetics: 8 B3.3

MW: 66.2 kDa

Gene Summary: Seems to be a constitutive component of clathrin-coated pits that is required for receptor-mediated endocytosis. Involved in endocytosis of integrin beta-1 (ITGB1) and transferrin receptor (TFR); internalization of ITGB1 as DAB2-dependent cargo but not TFR seems to require association with DAB2 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209295