

Product datasheet for **SC318370**

EML3 (NM_153265) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EML3 (NM_153265) Human Untagged Clone
Tag:	Tag Free
Symbol:	EML3
Synonyms:	ELP95; EMAP3; EMAP95
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC318370 representing NM_153265.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGC
ATGGACGGGGCCCGGGGCCCGGTGACGGCCCTGCTCGGGAGGCCCTCCAGTCTCTGAGCCAGCGGCTT
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GAGCGCTGTGGTGGCGGTGGCCGACGACTCTGCAAAGTGCATCTCTCCAGTACCCGTGCGCTCGTGCC
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TCGCACCTCGTCTCGTGGGCGGCAAGGACGCCAGCATCTCCAGTGGCGAGTGTGGGCGCTGGGGGC
GCGGGGCCGGCGCCGCCACGCCCTCTCGAACCCCTCCCTGTCCCCGCTCTCCCTCGACGTTGA

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI
ACCN: NM_153265
Insert Size: 2691 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).
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_153265.2</u>
RefSeq Size:	3265 bp
RefSeq ORF:	2691 bp
Locus ID:	256364
UniProt ID:	<u>Q32P44</u>
Cytogenetics:	11q12.3
Domains:	WD40, HELP
MW:	95.2 kDa
Gene Summary:	May modify the assembly dynamics of microtubules, such that microtubules are slightly longer, but more dynamic.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) uses an alternate in-frame splice junction at the 5' end of an exon and differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (3) lacks a single alternate aa and has a shorter and distinct C-terminus compared to isoform 1.