

Product datasheet for **SC324470**

EFEMP1 (NM_001039349) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EFEMP1 (NM_001039349) Human Untagged Clone
Tag:	Tag Free
Symbol:	EFEMP1
Synonyms:	DHRD; DRAD; FBLN3; FBNL; FIBL-3; MLVT; MTLV; S1-5
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_001039349.1
 CCCTCCCTGCGCACTCCCTCGCTGCCCGGGCCCGGAGCGCAGCGCGGCCGACAGATT
 CACAATGTTGAAAGCCCTTTTCCCTAACTATGCTGACTCTGGCGCTGGTCAAGTCACAGGA
 CACCGAAGAAACCATCACGTACACGCAATGCACTGACGGATATGAGTGGGATCCTGTGAG
 ACAGCAATGCAAAGATATTGATGAATGTGACATTGTCCCAGACGCTTGTAAGGTGGAAT
 GAAGTGTGTCAACCACTATGGAGGATACCTCTGCCTTCCGAAAACAGCCAGATTATTGT
 CAATAATGAACAGCCTCAGCAGGAAACACAACCAGCAGAAGGAACCTCAGGGGCAACCAC
 CGGGTTGTAGCTGCCAGCAGCATGGCAACCAGTGGAGTGTGCCGGGGTGGTTTTGT
 GGCCAGTGTGCTGCAAGTCGAGGCCCTGAAATGCAGACTGGCCGAAATAACTTTGTCAT
 CCGGCGGAACCCAGCTGACCCTCAGCGCATTCCCTCCAACCCCTCCACCGTATCCAGTG
 TGCAGCAGGCTACGAGCAAAGTGAACACAACGTGTCCAAGACATAGACGAGTGCAGTGC
 AGGGACGCACAACCTGTAGAGCAGACCAAGTGTGCATCAATTTACGGGGATCCTTTGCATG
 TCAGTGCCTCCTGGATATCAGAAGCGAGGGGAGCAGTGCCTAGACATAGATGAATGTAC
 CATCCCTCCATATTGCCACCAAAGATGCGTGAATACACCAGGCTCATTATTGCCAGTG
 CAGTCCCTGGGTTCAATTGGCAGCAAACAACCTATACCTGCGTAGATATAAATGAATGTGA
 TGCCAGCAATCAATGTGCTCAGCAGTGTACAACATTCTTGGTTCAATCATCTGTGAGTG
 CAATCAAGGATATGAGCTAAGCAGTGACAGGCTCAACTGTGAAGACATTGATGAATGCAG
 AACCTCAAGCTACCTGTGTCAATATCAATGTGTCAATGAACCTGGGAAATTCATGTAT
 GTGCCCCCAGGGATACCAAGTGGTGAGAAGTAGAACATGTCAAGATATAAATGAGTGTGA
 GACCACAAATGAATGCCGGGAGGATGAAATGTGTTGGAATTATCATGGCGGCTCCCGTTG
 TTATCCACGAAATCCTTGTCAAGATCCCTACATTCTAACACCAGAGAACCGATGTGTTTG
 CCCAGTCTCAAATGCCATGTGCCGAGAAGTCCCCAGTCAATAGTCTACAATAACATGAG
 CATCCGATCTGATAGGTCTGTGCCATCAGACATCTTCCAGATACAGGCCACAACATTTTA
 TGCCAACACCATCAATACTTTTCGGATTAATCTGGAAATGAAAATGGAGAGTTTACCT
 ACGACAAACAAGTCTGTAAAGTGAATGCTTGTGCTCGTGAAGTCATTATCAGGACCAAG
 AGAACATATCGTGGACCTGGAGATGCTGACAGTCAGCAGTATAGGGACCTCCGCACAAG
 CTCTGTGTTAAGATTGACAATAATAGTGGGGCCATTTTCATTTTAGTCTTTTCTAAGAGT
 CAACCACAGGCATTTAAGTCAGCCAAAGAATATTGTTACCTTAAAGCACTATTTTATTTA
 TAGATATATCTAGTGCATCTACATCTCTATACTGTACACTCACCCATAATTCAAACAATT
 ACACCATGGTATAAAGTGGCATTAAATATGTAAGATTCAAAGTTTGTCTTTTACTA
 TATGTAATTAGACATTAATCCACTAAACTGGTCTTCTTCAAGAGAGCTAAGTATACACT
 ATCTGGTGAACCTGGATTCTTTCTATAAAAGTGGGACCAAGCAATGATGATCTTCTGT
 GGTGCTTAAGGAACTTACTAGAGCTCCACTAACAGTCTCATAAGGAGGAGCCATCATA
 ACCATTGAATAGCATGCAAGGTAAGAATGAGTTTTTAACTGCTTTGTAAGAAAATGGAA
 AAGGTCAATAAGATATATTTCTTTAGAAAAA

Restriction Sites: Please inquire
ACCN: NM_001039349

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:	<ol style="list-style-type: none">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_001039349.1 , NP_001034438.1
RefSeq Size:	2700 bp
RefSeq ORF:	1482 bp
Locus ID:	2202
UniProt ID:	Q12805
Cytogenetics:	2p16.1
Protein Families:	Secreted Protein
Gene Summary:	<p>This gene encodes a member of the fibulin family of extracellular matrix glycoproteins. Like all members of this family, the encoded protein contains tandemly repeated epidermal growth factor-like repeats followed by a C-terminus fibulin-type domain. This gene is upregulated in malignant gliomas and may play a role in the aggressive nature of these tumors. Mutations in this gene are associated with Doyme honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described. [provided by RefSeq, Nov 2009]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 2. Variants 2 and 3 encode the same protein.</p>