

## Product datasheet for **SC308036**

### EGFL7 (NM\_201446) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EGFL7 (NM_201446) Human Untagged Clone
Tag:	Tag Free
Symbol:	EGFL7
Synonyms:	NEU1; VE-STATIN; ZNEU1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114429 sequence for NM_016215 edited (data generated by NextGen Sequencing) ATGAGGGGCTCTCAGGAGGTGCTGCTGATGTGGCTTCTGGTGTGGCAGTGGCGGCACA GAGCACGCCTACCGGCCCGCCGTAGGGTGTGTGCTGTCCGGGCTCACGGGGACCCTGTC TCCGAGTCGTTTCGTGCAGCGTGTGTACCAGCCCTTCTCACACCTGCGACGGGCACCGG GCCTGCAGCACCTACCGAACCTATATAGGACCGCCTACCGCCGACGCCCTGGGCTGGCC CCTGCCAGGCCTCGCTACGCGTGTGCCCGGCTGGAAGAGGACCAGCGGGCTTCTGGG GCCTGTGGAGCAGCAATATGCCAGCCGCCATGCCGGAACGGAGGGAGCTGTGTCCAGCCT GGCCGCTGCCGCTGCCCTGCAGGATGGCGGGGTGACACTTGCCAGTCAGATGTGGATGAA TGCAGTGCTAGGAGGGGGCGCTGTCCCCAGCGCTGCGTCAACACCGCCGGCAGTTACTGG TGCCAGTGTGGGAGGGGCACAGCCTGTCTGCAGACGGTACACTCTGTGTGCCAAAGGA GGCCCCCAGGGTGGCCCCAACCAGACAGGAGTGGACAGTGAATGAAGGAAGAAGTG CAGAGGCTGCAGTCCAGGGTGGACCTGTGGAGGAGAAGCTGCAGCTGGTGTGGCCCCA CTGCACAGCCTGGCCTCGCAGGCACTGGAGCATGGGCTCCCGGACCCCGCAGCCTCCTG GTGCACTCCTTCCAGCAGCTCGGCCGCATCGACTCCCTGAGCGAGCAGATTTCTTCTG GAGGAGCAGCTGGGGTCTGCTCCTGCAAGAAAGACTCGTGA
	Clone variation with respect to NM_016215.4
Restriction Sites:	Please inquire
ACCN:	NM_201446
Insert Size:	1200 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_201446.1</a></u> , <u><a href="#">NP_958854.1</a></u>
<b>RefSeq Size:</b>	1571 bp
<b>RefSeq ORF:</b>	822 bp
<b>Locus ID:</b>	51162
<b>UniProt ID:</b>	<u><a href="#">Q9UHF1</a></u>
<b>Cytogenetics:</b>	9q34.3
<b>Protein Families:</b>	Secreted Protein
<b>Gene Summary:</b>	<p>This gene encodes a secreted endothelial cell protein that contains two epidermal growth factor-like domains. The encoded protein may play a role in regulating vasculogenesis. This protein may be involved in the growth and proliferation of tumor cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>