

Product datasheet for **SC328900**

EGFL6 (NM_001167890) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EGFL6 (NM_001167890) Human Untagged Clone
Tag:	Tag Free
Symbol:	EGFL6
Synonyms:	MAEG; W80
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001167890, the custom clone sequence may differ by one or more nucleotides

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ATGCCTCTGCCCTGGAGCCTTGGCTCCCGCTGCTGCTCTCTGGGTGGCAGGTGGTTTC
GGGAACCGCGCCAGTGCAAGGCATCACGGGTGTTAGCATCGGCACGTGAGCCTGGGGTC
TGTCATATGGAATAAAGTGGCTGCTGCTACGGCTGGAGAAGAAGCAAGGGAGTC
TGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGAGTGCCTGGGACCAACAATGC
AGATGCTTTCCAGGATACACCGGAAAACCTGCAGTCAAGATGTGAATGAGTGTGGAATG
AAACCCCGCCATGCCAACACAGATGTGTGAATACACACGGAAGCTACAAGTGCTTTTGC
CTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAAGTCTAGGACATGTGCCATG
ATAAACTGTCAGTACAGCTGTGAAGACACAGAAGAAGGGCCACAGTGCCTGTGTCCATCC
TCAGGACTCCGCCTGGCCCCAAATGGAAGAGACTGTCTAGATATTGATGAATGTGCCTCT
GGTAAAGTCATCTGTCCCTACAATCGAAGATGTGTGAACACATTTGGAAGCTACTACTGC
AAATGTCACATTTGGTTTCGAACTGCAATATATCAGTGGACGATATGACTGTATAGATATA
AATGAATGTACTATGGATAGCCATACGTGCAGCCACCATGCCAATTGCTTCAATACCCAA
GGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGACTTCGGTGTCTGCT
ATCCCTGAAAATTCTGTGAAGGAAGTCCCTCAGAGCACCTGGTACCATCAAAGACAGAATC
AAGAAGTTGCTTGTCCAAAAACAGCATGAAAAAGAAGGCAAAAATTAATAATGTTACC
CCAGAACCACCAGGACTCCTACCCCTAAGGTGAAGTGCAGCCCTTCAACTATGAAGAG
ATAGTTTCCAGAGGCGGGAAGTCTCATGGAGGTAAAAAGGGAATGAAGAGAAAAATGAAA
GAGGGGCTTGAGGATGAGAAAAGAGAAGAGAAAGCCCTGAAGAATGACATAGAGGAGCGA
AGCCTGCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGGCCTGATT
CTGGTCCAAAGGAAAGCGCTAAGTCCAACTGGAACATAAAGCAGATTTAATAATCTCG
GTTGACTGCAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAAGATGATTTT
GACTGGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCCGGCCTTG
GCAGGTCAACAAGAAAGACATTGGCCGATTGAAACTTCTCTACCTGACCTGCAACCCCAA
AGCAACTTCTGTTTGCTCTTTGATTACCGGCTGGCCGGAGACAAAGTCGGGAAACTTCGA
GTGTTTGTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAAGACCACGAGTGAGGATGAA
AAGTGGAAAGACAGGAAAATTCAGTTGTATCAAGGAACTGATGCTACCAAAAGCATCATT
TTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCAAAATCGCAGTGGATGGCGTCTTGCTT
GTTTCAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTGA
    
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Restriction Sites: Please inquire

ACCN: NM_001167890

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_001167890.1 , NP_001161362.1
RefSeq Size:	2448 bp
RefSeq ORF:	1665 bp
Locus ID:	25975
UniProt ID:	Q8IUX8
Cytogenetics:	Xp22.2
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene encodes a member of the epidermal growth factor (EGF) repeat superfamily. Members of this superfamily are characterized by the presence of EGF-like repeats and are often involved in the regulation of cell cycle, proliferation, and developmental processes. The gene product contains a signal peptide, suggesting that it is secreted; an EGF repeat region consisting of 4 complete EGF-like repeats and 1 partial EGF-like repeat, 3 of which have a calcium-binding consensus sequence; an arg-gly-asp integrin association motif; and a MAM domain, which is believed to have an adhesive function. This gene is expressed early during development, and its expression has been detected in lung and meningioma tumors. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the coding region, compared to variant 1. It encodes isoform 2 which is 1 aa longer than isoform 1.</p>