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Product datasheet for SC210325

EGF (NM_001963) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EGF (NM_001963) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EGF
Synonyms:	HOMG4; URG
ACCN:	NM_001963
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC210325 3'UTR clone of NM_001963
The sequence shown below is from the reference sequence of NM_001963. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCACCACACCAAATGGAGCTGACTCAGTGAAAACTGGAATTAAAAGGAAAGTCAAGAAGAATGAACTAT
GTCGATGCACAGTATCTTTTCTTTCAAAAGTAGAGCAAAACTATAGGTTTTGGTTCCACAATCTCTACG
ACTAATCACCTACTCAATGCCTGGAGACAGATACGTAGTTGTGCTTTTGTTTGCTCTTTTAAGCAGTCT
CACTGCAGTCTTATTTCCAAGTAAGAGTACTGGGAGAATCACTAGGTAACTTATTAGAAACCCAAATTG
GGACAACAGTGCTTTGTAAATTGTGTTGTCTTCAGCAGTCAATACAAATAGATTTTTGTTTTTGTTGTT
CCTGCAGCCCCAGAAGAAATTAGGGGTTAAAGCAGACAGTCACACTGGTTTGGTCAGTTACAAAGTAAT
TTCTTTGATCTGGACAGAACATTTATATCAGTTTCATGAAATGATTGGAATATTACAATACCGTTAAGA
TACAGTGTAGGCATTTAACTCCTCATTGGCGTGGTCCATGCTGATGATTTTGCAAAATGAGTTGTGATG
AATCAATGAAAAATGTAATTTAGAAACTGATTTCTTCAGAATTAGATGGCTTATTTTTTAAAATATTTG
AATGAAAACATTTTATTTTTAAAATATTACACAGGAGGCTTCGGAGTTTCTTAGTCATTACTGTCCTTT
TCCCCTACAGAATTTTCCCTCTTGGTGTGATTGCACAGAATTTGTATGTATTTTCAGTTACAAGATTGT
AAGTAAATTGCCTGATTTGTTTTCATTATAGACAACGATGAATTTCTTCTAATTATTTAAATAAAATCA
CCAAAAACATAAACATTTTATTGTATGCCTGATTAAGTAGTTAATTATAGTCTAAGGCAGTACTAGAGT
TGAACCAAAATGATTTGTCAAGCTTGCTGATGTTTCTGTTTTTCGTTTTTTTTTTTTTTCCGGAGAGAG
GATAGGATCTCACTCTGTTATCCAGGCTGGAGTGTGCAATGGCACAATCATAGCTCAGTGCAGCCTCAA
ACTCCTGGGCTCAAGCAATCCTCCTGCCTCAGCCTCCCGAGTAACTAGGACCACAGGCACAGGCCACCA
TGCCTGGCTAAGGTTTTTATTTTTATTTTTTGTAGACATGGGGATCACACAATGTTGCCCAGGCTGGTC
TTGAACTCCTGGCCTCAAGCAAGGTCGTGCTGGTAATTTTGCAAAATGAATTGTGATTGACTTTCAGCC
TCCCAACGTATTAGATTATAGGCATTAGCCATGGTGCCCAGCCTTGTAACTTTTAAAAAAATTTTTTAA
TCTACAACTCTGTAGATTAAAATTTCACATGGTGTTCTAATTAAATATTTTTCTTGCAGCCAAGATATT
GTTACTACAGATAACACAACCTGATATGGTAACTTTAAATTTTGGGGGCTTTGAATCATTCAGTTTATG
CATTAACTAGTCCCTTTGTTTATCTTTCATTTCTCAACCCCTTGTACTTTGGTGATACCAGACATCAGA
ATAAAAAGAAATTGAAGTACCTGTTTTCAAATGGATACTTTATAGGAATTTTGGTAAAGATTTGGTGAT
GGGAGGATGACTTGAGGTTTGTGGATATTAGTTAATTATTCAGTATGATACCTCACCCAGCTAATTTAG
ATTTTTCTATATTCGGTTTTGCTTTCATTGACAATATCCTGGAGGATCAGAAGACTTGTCTATTTCTGC
TGAGTCACTGGCCTCAGAAAAATAATAACCATAATTTCCCCCAAGGTTTTCTTTACCTAAGTGTGAATA
TTTTTTCTTCCTCCAAAAGCTCACTTTTGGGTTTAGATTAAATTTTTGTATTTTAGCACCTTTTTCTTT
TAGGGGTTCAATGATGACAAAAGAAATGACATGAGAACACGGCTACCCATAACATACCATTATCTTTGT
ACCAGAAAAATCCTTGTTTCCTTCTTAATGACTCTGGTACCTTAGAAACTGGGACCCTGCTAAGTCCT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_001963.6

Summary: This gene encodes a member of the epidermal growth factor superfamily. The encoded preproprotein is proteolytically processed to generate the 53-amino acid epidermal growth factor peptide. This protein acts a potent mitogenic factor that plays an important role in the growth, proliferation and differentiation of numerous cell types. This protein acts by binding with high affinity to the cell surface receptor, epidermal growth factor receptor. Defects in this gene are the cause of hypomagnesemia type 4. Dysregulation of this gene has been associated with the growth and progression of certain cancers. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016]

Locus ID: 1950

MW: 78.2