

Product datasheet for **SC214809**

HB EGF (HBEGF) (NM_001945) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HB EGF (HBEGF) (NM_001945) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HBEGF
Synonyms:	DTR; DTS; DTSF; HEGFL
ACCN:	NM_001945
Insert Size:	1486 bp



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Insert Sequence: >SC214809 3'UTR clone of NM_001945
 The sequence shown below is from the reference sequence of NM_001945. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGAAGTTGGGCATGACTAATCCACATGAGAGACTTGTGCTCAAGGAATCGGCTGGGGACTGCTAC
CTCTGAGAAGACACAAGGTGATTCAGACTGCAGAGGGGAAAGACTTCCATCTAGTCACAAAGACTCCT
TCGTCCCCAGTTGCCGTCTAGGATTGGGCTCCATAATTGCTTTGCCAAAATACCAGAGCCTTCAAGT
GCCAAACAGAGTATGTCCGATGGTATCTGGGTAAGAAGAAAGCAAAGCAAGGGACCTTCATGCCCTTC
TGATCCCTCCACAAACCCACTTCCCTCATAAGTTTGTAAACACTTATCTTCTGGATTAGAAT
GCCGGTTAAATCCATATGCTCCAGGATCTTTGACTGAAAAAAAAAAGAAGAAGAAGGAGAGCAA
GAAGGAAAGATTTGTAAGTGAAGAAAGCAACAAGATTGAGAAGCCATGACTCAAGTACCACCAAG
GGATCTGCCATTGGGACCCTCCAGTCTGGATTGATGAGTAACTGTGAAATACCACAAGCCTGAGAA
CTGAATTTTGGGACTTCTACCCAGATGGAAAAATAACAATATTTTTGTTGTTGTTGTTGTTAAATGCC
TCTTAAATTATATATTTATTTTATTCTATGTATGTTAATTTATTTAGTTTTTAACAATCTACAATAAT
ATTTCAAGTGCCTAGACTGTTACTTTGGCAATTTCTGGCCCTCCACTCCTCATCCCCACAATCTGGCT
TAGTGCCACCCACCTTTGCCACAAAGCTAGGATGGTCTGTGACCCATCTGTAGTAATTTATTGTCTGT
CTACATTTCTGCAGATCTCCGTGGTCAGAGTCCACTGCGGGAGCTCTGTATGGTCAGGATGTAGGGG
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GTTTTGAAAGCCCAAGGTGCTGATGTCAAAGTGAACAGATATCAGTGTCTCCCGTGTCTCTCCCTG
CCAAGTCTCAGAAGAGTTGGGCTTCCATGCCTGTAGCTTTCCTGGTCCCTCACCCCATGGCCCCAGG
CCACAGCGTGGGAACCTCACTTTCCCTTGTGCAAGACATTTCTCTAACTCCTGCCATTCTTCTGGTGC
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AGGAACAGGGAACATTGGAGCTGACTGTTCTTGGTAACTGATTACCTGCCAATTGCTACCAGAAAGTT
GGAGGTGGGGAAGGCTTTGTATAATCCACCCACCTCACAAAACGATGAAGTTATGCTGTCATGGTCC
TTTCTGGAAGTTTCTGGTCCATTTCTGAACTGTTACAACCTGTATTTCCAAACCTGGTTTCATATTTAT
ACTTTGCAATCCAAATAAAGATAACCCTTATTCCATA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001945.3](#)

Summary: Growth factor that mediates its effects via EGFR, ERBB2 and ERBB4. Required for normal cardiac valve formation and normal heart function. Promotes smooth muscle cell proliferation. May be involved in macrophage-mediated cellular proliferation. It is mitogenic for fibroblasts, but not endothelial cells. It is able to bind EGF receptor/EGFR with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF. Also acts as a diphtheria toxin receptor.[UniProtKB/Swiss-Prot Function]

Locus ID: 1839

MW: 56.1