

Specifications:

Gene:	hHBEGF
Accession:	NP_001936
Insert size:	640bp
Concentration:	10µg at 0.2µg/µL

**hHB-EGF cDNA
Plasmid**

HBEGF heparin binding EGF like growth factor [*Homo sapiens* (human)]

Also known as: DTR; DTS; DTSF; HEGFL

Summary:

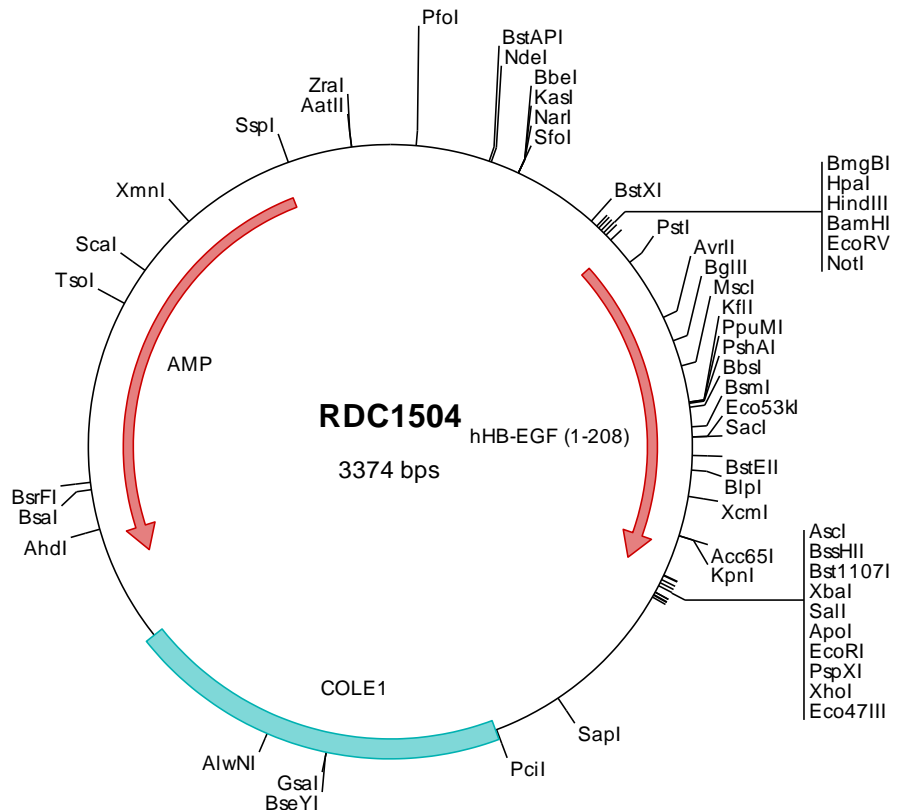
HB-EGF is a member of the EGF family of mitogens. HB-EGF binds to the EGF receptor and activates the receptor tyrosine kinase. HB-EGF is able to bind EGF receptor with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF. It is required for normal cardiac valve formation and normal heart function.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1504 Plasmid DNA Sequence

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1   tcgcgcgcttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1504 Translated Insert Sequence

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