

Product datasheet for **SC203393**

HGF (NM_001010933) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HGF (NM_001010933) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HGF
Synonyms:	DFNB39; F-TCF; HGFB; HPTA; SF
ACCN:	NM_001010933
Insert Size:	281 bp
Insert Sequence:	>SC203393 3'UTR clone of NM_001010933 The sequence shown below is from the reference sequence of NM_001010933. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA ACGATCGCC TACTGTGCAATTTAAAACATGCGAGACAT AA CATGGGCTCTCAACTGATGGTGAACCTCTTCTGGTGAGT GACAGAGGCTGCAGTGAAGAATAATGAGTCTAATAGAAGTTTATCACAGATGTCTCTAATCTTTATAGC TGATCCCTACCTCTCTCGCTGTCTTTGTACCCAGCCTGCATTCTGTTTCGATCTGTCTTTTAGCAGTCC ATACAATCATTTTTCTACATGCTGGCCCTTACCTAGCTTTTCTGAATTTACAATAAAAACTATTTTTTA ACGTG ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u>NM_001010933.3</u>



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Summary:

This gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and tissue types. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate alpha and beta chains, which form the mature heterodimer. This protein is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. This protein also plays a role in angiogenesis, tumorigenesis, and tissue regeneration. Although the encoded protein is a member of the peptidase S1 family of serine proteases, it lacks peptidase activity. Mutations in this gene are associated with nonsyndromic hearing loss. [provided by RefSeq, Nov 2015]

Locus ID:

3082

MW:

10.6