

Product datasheet for **SC337144**

HGFAC (NM_001297439) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HGFAC (NM_001297439) Human Untagged Clone
Tag:	Tag Free
Symbol:	HGFAC
Synonyms:	HGFA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

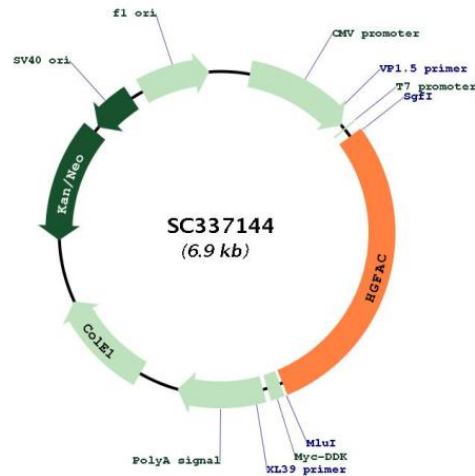


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Fully Sequenced ORF: >SC337144 representing NM_001297439.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGCGCTGGGCCTGGGTCCCCAGCCCCGGCCCCACCGGGGCTGGGCCCTTCTCTCTCTCTCTC
CTGCTGCTGCTGCTGCTGCCACGGGGTTCCAGCCCCAGCCTGGCGGGAACCGTACGGAGTCCCCAGAA
CCTAATGCCACAGCGACCCCTGCCATCCCCTACTCCTGGTGACCTCTGTGACCTCTGAGACCCAGCA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001297439

Insert Size: 1989 bp

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).

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:

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_001297439.1](#)

RefSeq Size: 2134 bp

RefSeq ORF: 1989 bp

Locus ID: 3083

UniProt ID: [Q04756](#)

Cytogenetics: 4p16.3

Protein Families: Druggable Genome, Protease, Secreted Protein, Transmembrane

MW: 71.5 kDa

Gene Summary:

This gene encodes a member of the peptidase S1 protein family. The encoded protein is first synthesized as an inactive single-chain precursor before being activated to a heterodimeric form by endoproteolytic processing. It acts as serine protease that converts hepatocyte growth factor to the active form. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).