

Product datasheet for **SC119188**

HGFAC (NM_001528) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HGFAC (NM_001528) Human Untagged Clone
Tag:	Tag Free
Symbol:	HGFAC
Synonyms:	HGFA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001528, the custom clone sequence may differ by one or more nucleotides

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ATGGGGCGCTGGGCTGGGTCCCCAGCCCTGGCCCCACCGGGGCTGGGCCCTTCTCTCTCTCTCC
TGCTGCTGCTGCTGCCACGGGGTTCCAGCCCCAGCCTGGCGGAACCGTACGGAGTCCCCAGAACC
TAATGCCACAGCAGCCCTGCGATCCCCACTATCCTGGTGACCTCTGTGACCTCTGAGACCCAGCAACA
AGTGCTCCAGAGGCAGAGGGACCCAAAGTGGGGGGCTCCCGCCCCGCCAGGGCAGTTCCCTCGAGCA
GTAGCCCCAGGCCAAGCACTACCGAGGACGGGAGGCCTGCAGGTTCCCTTCCGCTACGGGGGCCG
CATGCTGCATGCCTGCACTTCGGAGGGCAGTGACACAGGAAGTGGTGTGCCACAACACAACTACGAC
CGGGACAGGGCTGGGGCTACTGTGTGGAGGCCACCCGCTCCAGGGGGCCAGCTGCCCTGGATCCCT
GTGCTCCGGCCCTGCCTCAATGGAGGCTCCTGCTCAAATACCCAGGACCCCACTCTATCACTGCAG
CTGCCCCGGGCTTACCAGCAAGGACTGCGGCACAGAGAAATGCTTTGATGAGACCCGCTACGAGTAC
CTGGAGGGGGGCGACCGCTGGGCCCGCTGCGCCAGGGCCACGTGGAACAGTGCAGTGTTCGGGGGCC
GGACCTGGTGCAGAGCCCGACATACAGCTTGTCTGAGCAGCCCTTGCCTGAACGGGGGCACCTGCCA
CCTGATCGTGGCCACCGGACCACCGTGTGTGCCTGCCACCAGGCTTCGCTGGACGGCTCTGCAACATC
GAGCCTGATGAGCGCTGCTTCTGGGGAACGGCACTGGGTACCCTGGCGTGGCCAGCACCTCAGCCTCGG
GCCTCAGCTGCCTGGCCTGGAATCCGATCTGCTTACCAGGAGCTGCACGTGGACTCCGTGGGCGCCG
GGCCCTGCTGGGCTGGGCCCCATGCCTACTGCCGGAATCCGGACAATGACGAGAGGCCCTGGTGTACT
GTGGTGAAGGACAGCGCCTCTCCTGGGAGTACTGCCGCTGGAGGCCTGCGAATCCCTCACCAGAGTCC
AACTGTACCCGGATCTCCTGGCGACCCTGCCTGAGCCAGCCTCCCGGGGCGCCAGGCCTGCGGCAGGAG
GCACAAGAAGAGGACGTTCTCCTGCGGCCAGTATCATCGGCGGCTCCTCCTCGCTGCCCGGCTCGCACCCC
TGGCTGGCCGCACTACATCGGGGACAGCTTCTGCGCCGGGAGCCTGGTCCACACCTGTGGTGGTGT
CGGCCGCCACTGCTTCTCCACAGCCCCCAGGGACAGCGTCTCCGTGGTGTGGGCCAGCACTTCTT
CAACCGCACGACGAGCGTACGACAGACCTTCGGCATCGAGAAGTACATCCCGTACACCCTGTACTCGGTG
TTCAACCCAGCGACCACGACCTCGTCCTGATCCGGCTGAAGAAGAAAGGGGACCCTGTGCCACACGCT
CGCAGTTCGTGCAGCCATCTGCCTGCCCGAGCCCGCAGCACCTTCCCCGAGGACACAAGTGCAGAT
TGCGGGCTGGGGCACTTGGATGAGAACGTGAGCGGCTACTCCAGCTCCCTGCGGGAGGCCCTGGTCCCC
CTGGTCCCGACCACAAGTGCAGCAGCCCTGAGGTCTACGGCGCCGACATCAGCCCCAACATGCTCTGTG
CCGGCTACTTCGACTGCAAGTCCGACGCCTGCCAGGGGGACTCAGGGGGGCCCTGGCCTGCGAGAAGAA
CGGCGTGGCTTACCTTACGGCATCATAGCTGGGGTACGGCTGCGGGCGGCTCCACAAGCCGGGGGTC
TACACCCGCTGGCCAATATGTGGACTGGATCAACGACCGGATACGGCCTCCAGGCGGCTTGTGGCTC
CTCCTGA
    
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Restriction Sites: NotI-NotI

ACCN: NM_001528

Insert Size: 2000 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_001528.2](#), [NP_001519.1](#)

RefSeq Size: 2038 bp

RefSeq ORF: 1968 bp

Locus ID: 3083

UniProt ID: [Q04756](#)

Cytogenetics: 4p16.3

Domains: KR, FN1, FN2, Tryp_SpC, EGF, EGF

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

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 (2) lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1.