

Product datasheet for **SC334077**

ISG20 (NM_001303237) Human Untagged Clone

Product data:

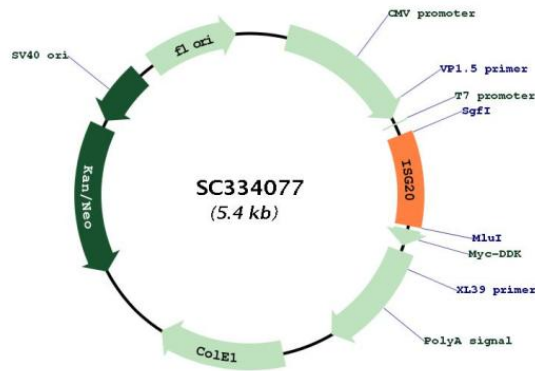
Product Type:	Expression Plasmids
Product Name:	ISG20 (NM_001303237) Human Untagged Clone
Tag:	Tag Free
Symbol:	ISG20
Synonyms:	CD25; HEM45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334077 representing NM_001303237. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGGGAGCCGTGAGGTGGTGGCCATGGACTGCGAGATGGTGGGGCTGGGGCCCACCGGGAGAGT
GGCCTGGCTCGTTGCAGCCTCGTGAACGTCCACGGTGTGTGTGTACGACAAGTTCATCCGGCCTGAG
GGAGAGATCACCGATTACAGAACCCGGGTACGCGGGTCAACCCCTCAGCACATGGTGGGGCCACACCA
TTTGCCGTGGCCAGGCTAGAGGCACTGAAAGAGGACATGAGCGGCTACACAATCTACGACACGTCCACT
GACAGGCTGTTGTGGCGTGAAGCAAGCTGGACCACTGCAGGCGTGTCTCCCTGCGGGTGTGTGAGTGAG
CGCCTCTACACAAGAGCATCCAGAACAGCCTGCTTGGACACAGCTCGGTGGAAGATGCGAGGGCAACG
ATGGAGCTCTATCAAATCTCCAGAGAATCCGAGCCCGCCGAGGGCTGCCCGCCTGGCTGTGTCAGAC
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001303237

Insert Size: 486 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_001303237.1](#)

RefSeq Size: 1657 bp

RefSeq ORF: 486 bp

Locus ID: 3669

Cytogenetics: 15q26.1

MW: 18.1 kDa

Gene Summary: Interferon-induced antiviral exoribonuclease that acts on single-stranded RNA and also has minor activity towards single-stranded DNA. Exhibits antiviral activity against RNA viruses including hepatitis C virus (HCV), hepatitis A virus (HAV) and yellow fever virus (YFV) in an exonuclease-dependent manner. May also play additional roles in the maturation of snRNAs and rRNAs, and in ribosome biogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (6) uses an alternate in-frame splice junction at the 5' end of an internal exon compared to variant 1. The resulting isoform (c) has the same N- and C-termini but is shorter compared to isoform a.