

## ISG20 cDNA

Catalog Number: ATGD0019

### PRODUCT INFORMATION

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**Catalog number**

ATGD0019

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_002192.2

**Alternative Names**

CD25, HEM45

**mRNA Refseq**

NM\_002201.4

**OMIM**

604533

**Chromosome location**

15q26

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

546bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

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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

### DATA

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#### Sequence nucleotides

```
ATGGCTGGGA GCCGTGAGGT GGTGGCCATG GACTGCGAGA TGGTGGGGCT GGGGCCCCAC CGGGAGAGTG
GCCTGGCTCG TTGCAGCCTC GTGAACGTCC ACGGTGCTGT GCTGTACGAC AAGTTCATCC GGCCTGAGGG
AGAGATCACC GATTACAGAA CCCGGGTCAG CGGGGTCACC CCTCAGCACA TGGTGGGGGC CACACCATTT
GCCGTGGCCA GGCTAGAGAT CCTGCAGCTC CTGAAAGGCA AGCTGGTGGT GGGTCATGAC CTGAAGCACG
ACTTCCAGGC ACTGAAAGAG GACATGAGCG GCTACACAAT CTACGACACG TCCAAGTACA GGCTGTTGTG
GCGTGAGGCC AAGCTGGACC ACTGCAGGCG TGTCTCCCTG CGGGTGCTGA GTGAGCGCCT CCTGCACAAG
AGCATCCAGA ACAGCCTGCT TGGACACAGC TCGGTGGAAG ATGCGAGGGC AACGATGGAG CTCTATCAA
TCTCCAGAG AATCCGAGCC CGCCGAGGGC TGCCCCGCTT GGCTGTGTCA GACTGA
```

#### Transaction Sequence

```
MAGSREVVAM DCEMVGLGPH RESGLARCSL VNVHGAVLYD KFIRPEGEIT DYRTRVSGVT PQHMGATPF AVARLEILQL
LKGKLVVGH D LKHDFQALKE DMSGYTIYDT STDRLWREA KLDHCRRVSL RVLSEKLLHK SIQNSLLGHS SVEDARATME
LYQISQRIRA RRGLPRLAVS D
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