

## Product datasheet for **RG236328**

### ISG20 (NM\_001303233) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ISG20 (NM_001303233) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ISG20
Synonyms:	CD25; HEM45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236328 representing NM_001303233. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCTGGGAGCCGTGAGGTGGTGGCCATGGACTGCGAGATGGTGGGGCTGGGGCCCCACCGGGAGAGT
GGCCTGGCTCGTTGCAGCCTCGTGAACGTCACCGGTGCTGTGCTGTACGACAAGTTCATCCGGCCTGAG
GGAGAGATCACCGATTACAGAACCCGGGTACCGGGGTACCCCTCAGCACATGGTGGGGCCACACCA
TTTGCCGTGGCCAGGCTAGAGATCCTGCAGCTCCTGAAAGGCAAGCTGGTGGTGGTGCATGACCTGAAG
CAGCACTCCAGGCACTGAAAGAGGACATGAGCGGCTACACAATCTACGACACGTCCTGACAGGCTG
TTGTGGCGTGAGGCCAAGCTGGACCACTGCAGGCGTGTCTCCCTGCGGGTGTGAGTGAGCGCCTCCTA
CACAAGAGCATCCAGAACAGCCTGCTTGGACACAGCTCGGTGGAAGATGCGAGGGCAACGATGGAGCTC
TATCAAATCTCCAGAGAATCCGAGCCCGGAGGGCTGCCCCGCTGGCTGTGTGAGAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236328  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MAGSREVVAMDCMVGLGPHRESGLARCSLVNVHGAVLYDKFIRPEGEITDYRTRVSGVTPQHMGVATP
FAVARLEILQLKGLVVGHDLKHDFQALKEDMSGYTIYDSTDRLWREAKLDHCRRLVSLRVLSEKLL
HKSIQNSLLGHSSVEDARATMELYQISQIRARRGLPRLAVSD
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLVHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** SgfI-MluI



[View online »](#)



<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001303233.2</a>
<b>RefSeq Size:</b>	1447 bp
<b>RefSeq ORF:</b>	546 bp
<b>Locus ID:</b>	3669
<b>UniProt ID:</b>	<a href="#">Q96AZ6</a>
<b>Cytogenetics:</b>	15q26.1
<b>MW:</b>	20.8 kDa
<b>Gene Summary:</b>	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]