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Product datasheet for SC334223

ISG20 (NM_001303234) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ISG20 (NM_001303234) Human Untagged Clone
Tag:	Tag Free
Symbol:	ISG20
Synonyms:	CD25; HEM45
Vector:	pCMV6 series
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001303234, the custom clone sequence may differ by one or more nucleotides

ATGGCTGGGAGCCGTGAGGTGGTGGCCATGGACTGCGAGATGGTGGGGCTGGGGCCCCACCGGGAGAGTG
GCCTGGCTCGTTGCAGCCTCGTGAACGTCCACGGTGCTGTGCTGTACGACAAGTTCATCCGGCCTGAGGG
AGAGATCACCGATTACAGAACCCGGGTCAGCGGGGTCACCCCTCAGCACATGGTGGGGGCCACACCATTT
GCCGTGGCCAGGCTAGAGATCCTGCAGCTCCTGAAAGGCAAGCTGGTGGTGGGTCATGACCTGAAGCACG
ACTTCCAGGCACTGAAAGAGGACATGAGCGGCTACACAATCTACGACACGTCCACTGACAGGCTGTTGTG
GCGTGAGGCCAAGCTGGACCACTGCAGGCGTGTCTCCCTGCGGGTGCTGAGTGAGCGCCTCCTACACAAG
AGCATCCAGAACAGCCTGCTTGGACACAGCTCGGTGGAAGATGCGAGGGCAACGATGGAGCTCTATCAAA
TCTCCCAGAGAATCCGAGCCCGCCGAGGGCTGCCCCGCCTGGCTGTGTCAGACTGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001303234
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).

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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_001303234.1, NP_001290163.1
RefSeq Size:	1573 bp
RefSeq ORF:	546 bp
Locus ID:	3669
UniProt ID:	Q96AZ6
Cytogenetics:	15q26.1
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 (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 3 all encode the same isoform (a).