

Product datasheet for RN205210

Isg2012 (NM_001007741) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Isg2012 (NM_001007741) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Isg2012
Synonyms:	MGC94465
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205210 representing NM_001007741 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTCTACCATACTCCTGAATTTGGACTTTGGGAACCTTCGAAAAAGGCATTTGGAGGAAATGCCAAAC
 ATCAACGTTTTGTCAAGAAGCGAAGTTCTTGGAACAGAAAGGATTTCTGAGTAAAAAGAACCAACCCCC
 TAGCAAGGTGTCTAAATTAACCTCAGAACCTCCAAAGAAAGGGGAACTTCAAGAGTAGATAGCATTTCG
 AAGATCCTTTTCATGCCTAAAGAAGAAGAAAGAGGCAGCTGCCTCCAAGAGGGACTCAGAACAGTCCAAAG
 ACAAGAAAGCATCATTGTCATGGCTGACCCCTGCTCCTTCAAAGAAGACTGATTCTGTTGTGGCTAAAT
 AGATTTGCTTGGGAGTTTCAGAGTGCCCTTCCAAAGCCTAAGAGACGCACCCAGAGAAGGGCTCTAAG
 AAGCCCTTGAAAAAGAAAATTGCTACAGAAAATCCACCCAACTCAGTCAAAGGATAAAGGCTCCAACA
 AGAAGCCCTTGAAAGAAAATGCTGTACAGAACTCCACCCAAGCTCAACCAGAGGATAAGTGCCCTAAAGT
 CCCTCAAAGCTTGCCAAGGAAGATGGTGGCAATAGACTGTGAAATGGTGGGCACGGGACCAAGGGCGT
 GTGAGTTCCTTGCTCGCTGCAGCATCGTGAATTACAATGGAGATGTGCTTTATGATGAGTACATCCGCC
 CCCCTGCTATATCGTGGACTACCGGACCAGGTGGAGTGGCATCCGGAAGTGCCACATGGTTAATGCTAC
 CCCCTTTAAGACTGCTCGGAGTCAGATCTTGAAGATACTCTCAGGAAGGTAGTGGTAGGACATGCCATT
 CACAATGACTACAAAGCCCTACGTAATTTTCATCCCAAGTCCCTCACTCGAGACACTTCCCAATACCGC
 TCCTCAACCGGAAGGCTGACTGCCAGAAAATGTCACTTTGTCACTGAAGCATCTCACCAGAAGCTGCT
 GAGTCGGGACATCCAGACTGGACTAAGTGGACATTCTCGGTGGAAGATGCCAGGCCACATTGGAGCTG
 TACAAGTTGGTTGAAGTTGAATGGGAACAGCATCTGGCCAGAATCCTCCAGAAAAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001007741
Insert Size:	1110 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:	<u>NM_001007741.1</u> , <u>NP_001007742.1</u>
RefSeq Size:	1661 bp
RefSeq ORF:	1110 bp
Locus ID:	361977
UniProt ID:	<u>Q6AXU3</u>
Cytogenetics:	2q34
Gene Summary:	3'-> 5'-exoribonuclease involved in ribosome biogenesis in the processing of the 12S pre-rRNA. Displays a strong specificity for a 3'-end containing a free hydroxyl group (By similarity).[UniProtKB/Swiss-Prot Function]