

## Product datasheet for **MC206504**

### Rnf186 (BC011492) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf186 (BC011492) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf186
Synonyms:	9130020G10Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC011492, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTGCACTGAGGCCCCACAGCCTATCCCAGCGGGTACCACCACCACCAGCACCATCATTGCCTTGG
GGCCACC GGCGGCTCAGCATCTCTGTGGAGGGTGACCTGGAATGCTTGGTGTGCCGAGAGCCCTACAA
CTGTGCTCGGTCCCCAAGCTGCTTAGCTGTCAGCATACTTCTGTGCCGTATGCCTGAAGCTTCTGCTA
TATGTGCAGGAAGACACCTGGTCCATCCCCTGTCCGCTGTGCCGAAAGGTCAGTGTGCCGGGAGGCC
TCATCTGCAGCTTGCAGACCAGGAGCGATGGTGGGGCGTCTGGCCCTGCCATGCCAGAGGTGCGCCT
ATGTCTCAGAGGCTAGTGGGTTCTGCCGCTTCAGCAACTCGGCCAGCCAAGTGGACAGGAGAAGAAGAA
CAGGACACTGTAAGTGTCAACCGTGTAGCTGCCCGGCCTGGCTGTACACTTGCTTTGTTGGCTCTTG
TCATTGTCTTATCCTGCCTTTCATCTACCCGGGTGTCATCCGGTGGGTGTTGGCCTTTGTCTTGTCTT
GGCTCTCCTGATGTCCACCCTATTCTGCTGTACCCCCAGAGCCAGAACAGCAACTGGCTTTGCCCCAGG
ACTCTGTTCTGCAGAGAGCAAAAGCAAACCCAGATCACTTCTATTGCCTGA
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Restriction Sites:	EcoRI-NotI
ACCN:	BC011492
Insert Size:	681 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).



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<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>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC011492</a> , <a href="#">AAH11492</a>
<b>RefSeq Size:</b>	1237 bp
<b>RefSeq ORF:</b>	681 bp
<b>Locus ID:</b>	66825
<b>Cytogenetics:</b>	4 D3
<b>Gene Summary:</b>	E3 ubiquitin protein ligase that is part of an apoptotic signaling pathway activated by endoplasmic reticulum stress. In that process, stimulates the expression of proteins specific of the unfolded protein response (UPR), ubiquitinates BNIP1 and regulates its localization to the mitochondrion and induces calcium release from the endoplasmic reticulum that ultimately leads to cell apoptosis.[UniProtKB/Swiss-Prot Function]