

## Product datasheet for **MC208787**

### **II7 (NM\_008371) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	II7 (NM_008371) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	II7
Synonyms:	A630026I06Rik; hIb36; hIb368; II; II-7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208787 representing NM_008371 <b>Red</b> =Cloning site <b>Blue</b> =ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTCCATGTTTCTTTAGATATATCTTTGGAATTCCTCCACTGATCCTTGTCTGCTGCCTGTCACAT  
CATCTGAGTGCCACATTAAGACAAAGAAGGTAAGCATATGAGAGTGTACTGATGATCAGCATCGATGA  
ATTGGACAAAATGACAGGAAGTATAGTAATTGCCGAATAATGAACAACTTTTTAGAAAACATGTA  
TGTGATGATACAAAGGAAGCTGCTTTTCTAAATCGTGTCTCGCAAGTTGAAGCAATTTCTAAAATGA  
ATATCAGTGAAGAATTCAATGTCCACTACTAACAGTATCACAAGGCACACAAACTGGTGAAGTGCAC  
AAGTAAGGAAGAAAAACGTAAAGGAACAGAAAAAGAAATGATGCATGTTTCTAAAGAGACTACTGAGA  
GAAATAAAAACCTTGTGGAATAAAATTTGAAGGGCAGTATATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_008371
Insert Size:	465 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>	<u><a href="#">BC110553</a></u> , <u><a href="#">AAI10554</a></u>
<b>RefSeq Size:</b>	2344 bp
<b>RefSeq ORF:</b>	465 bp
<b>Locus ID:</b>	16196
<b>UniProt ID:</b>	<u><a href="#">P10168</a></u>
<b>Cytogenetics:</b>	3 2.02 cM
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a hematopoietic growth factor important for B and T cell development. Alternative splicing results in several transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a).</p>