

## Product datasheet for **MC223304**

### Ipo9 (NM\_153774) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ipo9 (NM\_153774) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ipo9  
**Synonyms:** 0710008K06Rik; AI845704; C78347; Imp9; mKIAA1192; Ranbp9  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223304 representing NM\_153774  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGCAGCGCGGCAGCTGGTGC GGCTTCTGGGCTGCCGGTCCAGTGGCACAGGGATTGAAGGAGG  
CGTTGGTGGATACCTCACCGGAATCCTGTCCCCGGTGCAGGAGGTGCGGGCGGCTGCAGAGGAGCAGAT  
TAAGGTGCTGGAGGTGACAGAGGAATTTGGTGTTCACCTGGCAGAGCTGACTGTAGATCCTCAGGGGGCA  
CTGGCAATCCGTCAGCTGGCGTCAGTCATCTTGAACAGTATGTGGAAACTCACTGGTGTGCCCAATCAG  
AGAAGTTCAGACCTCCGAAACTACAGAAAGGGCAAAAATTTGTCATCCGGGAGCTGTTACCCAATGGGTT  
AAGAGAATCAATAAGCAAAGTGCCTCCAGTGTGGCCTATGCTGTGTCCGCCATTGCCACTGGGATTGG  
CCTGAAGCCTGGCCCCAGCTCTTCAACCTGCTTATGGAATGTTGGTGAGCGGAGACTTAAATGCCGTCC  
ATGGAGCCATGCGTGTGTTGACAGAGTTTACTCGAGAAGTGCAGACACACAGATGCCACTTGTGCTCC  
TGTCATTCTGCCAGAGATGTATAAGATATTCACCATGGCCGAGGTGTATGGTATTCGAACTCGTTCGCCA  
GCAGTGGAGATTTTTACTACTTGTGCGCATATGATCTGTAACATGGAGGAACTGGAAAAGGGTGCAGCCA  
AAGTCTGATCTTCCCCGTGGTGCAGCAGTTCACAGAGGCCTTTGTTCCAGCCTCCAGATGCCCGATGG  
CCCCACATCTGACAGTGGCTTTAAGATGGAGGTCCTGAAGGCAGTGCAGCCTTGGTGAAAAACTTCCCA  
AAGCACATGGTGTCTCCATGCAACAGATCCTGCCATTGTTTGAACACTCTAACTGAAAGTGCTGCCT  
TTTATGTGAGGACGGAAGTGAATTACACAGAGGAAGTGAAGATCCTGTGGATTCCGATGGAGAAGTCC  
GGGCTTTGAGAACCTCGTCTTTAGCATTTTGAGTTTGTCCATGCCCTACTGGAGAACAGCAAGTTCAAA  
AGCACCGTTAAGAAGGCTCTGCCGAGCTCATTTACTACATCATCCTGTACATGCAGATCACCGAGGAGC  
AGATTAAGTGTGGACAGCTAACCCACAGCAGTTTGTAGAAGACGAGGATGATGACAGTTCCTACAC  
TGTTAGGATTGCCGCTCAAGACTTGTGCTGGCTGTGGCCACAGATTTCCAGAATGAGAGTGCAGTGGCC  
CTGGCTACTGCAGCCACACGGCATTACAAGAAGCAGAGCAGACAAAAGCCAGTGGCACTGAGCACTGGT  
GGAAGATCCACGAGGCCCTGCATGCTTGCTTAGGCTCTGTGAAGTCTATCATCACTGACAGTGTGAAAA  
TGGCAGGATCCATTTGATATGCATGGGTTCTGACCAATGTCATCCTTGTAGACCTCAACCTGTGACGA  
TCTCCTTCTCTTGGGCCGGGCACTGTGGGCTGCCAGTCGCTTCACTGTGCTATGTCCCTGAACTGA



TTCAGCAGTTCCTACAGGCAACAGTCAGTGGTCTTCATGAGACACAGCCCCATCAGTTCGCATCTCTGC  
 TGTGAGAGCCATCTGGGGTTATTGTGATCAACTGAAAGTCTCAGAGAGTACGCATGTGCTTCAGCCCTTC  
 CTACCCAGCATCCTTGATGGCCTAATTCACCTAGCAGCCAGTTCAGCTCAGAGGTCCCAACCTGGTGA  
 TGGAGACGCTGTGCATTGTTTGTACTGTTGACCCAGAATTCACAGCAAGCGTGGAAAACAAGATCTGTCC  
 CTTACCATCGCTATTTTCTCAAGTACAGTAATGATCCTGTTGTGGCCTCGCTGGCTCAGGACATCTTC  
 AAGGAGCTTTTCGCAAATGAAGCCTGTCAAGTCCCAGTGCAGATGAGGCTGATCCCACGCTGGTCAGCA  
 TAATGCAGGCCCCAGCAGACAAGATCCCTGCGGGGCTCTGTGCGACAGCCATTGACATCTTGACTACAGT  
 AGTTTCGAAATACCAAGCCTCCCCTTCCAGTCTCCTATTTGCCAGGCTTCCCTGCTGTGGCGCAGTGC  
 ACCCTTACACAGATGACAATGCCACCATGCAGAAATGGTGGTGAAGTGTTCGCGGGCCTATGTGTCAGTGA  
 CACTGGAACAGGTAGCCAGTGGCATGACGAACAAGGCCACAATGGACTGTGGTACGTGATGCAAGTAGT  
 GAGCCAGCTCCTTGACCCACGAACCTCAGAGTTTACTGCAGCTTTTGTGGCCGCTGGTCTCCACCCTC  
 ATCTCCAAGGCAGGGCGGGAGCTGGGGGAGAATCTGGACCAGATTCTCGTGCCATCCTCAGTAAGATGC  
 AGCAGGCAGAGACTCAGTGCATGCAGTCTCTCATCATGGTGTTCGTCATCTGGTGCACACTCAGCT  
 GGAACCTCTATTGGAGTTCCTATGTAGCCTCCCAGGACCAACTGGGAAGCCTGCCCTGGAGTTTCGTGATG  
 GCTGAGTGGACGAGTTCGCGAGCAGCTGTTCTATGGACAGTATGAAGGCAAAGTTAGCTCTGTGGCACTGT  
 GTAACCTGCTTACAGATGGCATCAATGCAGACGACAAGCGGCTACAAGATATTCTGTGTAAGGGAGAGGA  
 GATCTACAGCATGGACGAGGGCATCCGCACCCGCTCTAAGTCAGCCAAAACCCGGAGCGCTGGACGAAC  
 ATTCCTCTGTTGGTCAAGATCCTAAAGCTGATTATCAACGAGCTTTCCAATGTCATGGAGGCCAATGCTG  
 CTCGCCAGGCCACTCCTGCTGAGTGAACCAAGATGATTCCAATGATATGTGGGAGGACCAGGAGGAAGA  
 GGAGGAGGAGGAGGATGGTTTAGCTGGCCAGCTTTTATCTGACATTCTTGCTACAAGTAAATACGAGGAG  
 GATTACTATGAAGACGATGAGGAAGATGACCCCGATGCCCTGAAGGATCCTCTCTATCAGATTGATCTGC  
 AGGCGTATCTCACAGACTTCCTTTGCCAGTTTGTCTCAGCAGCCCTGTTACATAATGTTTTTCATGCCACCT  
 TAACGACAACGAGAGGGGGTCTACAGACTATCGGCATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_153774

**Insert Size:**

3123 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:**

[NM\\_153774.1](#), [NP\\_722469.1](#)

**RefSeq Size:**

6236 bp

**RefSeq ORF:**

3123 bp

Locus ID: 226432

Cytogenetics: 1 E4