

## Product datasheet for RN203523

### Ipo9 (NM\_001107180) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ipo9 (NM_001107180) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ipo9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203523 representing NM_001107180 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGGCGGGCGGCAGCTGGTGGCCTTCTGGGCTGCCGGTCCAGTGGCACAGGGATTGAAGGAGG  
CGTTGGTGGATACCCTCACCGGGATCCTGTCCCCGGTGCAGGAGGTGCGGGCGGCTGCAGAGGAGCAGAT  
TAAGGTGCTGGAGGTGACAGAGGAATTTGGTGTTCACCTGGCAGAGCTGACTGTAGATCCTCAGGGGGCA  
CTGGCCATCCGTCAGCTGGCGTCAGTCATCTTGAACAGATGTGGAACTCACTGGTGTGCCCAATCAG  
AGAAGTTCAGACCTCCGAAACTACAGAAAGGGCAAAAATTGTTATCCGAGAGCTATTACCCAACGGGT  
GAGAGAATCAATAAGCAAAGTGCCTCCAGTGTGGCCTATGCTGTGCCATTGCCACTGGGACTGG  
CCCGAAGCCTGGCCCCAGCTCTTCAACCTGCTTATGGAGATGTTGGTGAGCGGAGACTTAAATGTGTGCC  
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CGTCATTCTCCAGAGATGTATAAGATATTCACCATGGCCGAGGTGTATGGTATTCGAACGCGTTCGCGG  
GCAGTGGAGATTTTTACTACTTGTGCTCATATGATCTGTAACATGGAGGAAGTGGAAAAGGGTGCAGCCA  
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CCCCACGTCGGACAGTGGCTTTAAGATGGAGTTCGAAGGCAGTGACAGCCTTGGTAAAAACTTCCCA  
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TGTTAGAATTGCAGCTCAGGACCTGTTGCTGGCTGTGGCCACAGATTTCCAGAATGAGAGTGCAGTGGCC  
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TGGCAGATCCATTTTGATATGCATGGTTCCTGACTAACGCTATTCTTGACAGACCTCAACCTGTCAGCA  
TCTCCTTCTCTTGGGCGGGCACTGTGGCTGCCAGTCGCTTCACTGTGCTATGTCCTGAACTGA  
TTCAGCAGTTCCTACAGCAACAGTTAGTGGTCTTCATGAGACACAGCCTCCGTCAGTTCGCATCTCTGC



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CGTGAGAGCCATCTGGGGTTATTGTGATCAGCTGAAAGTCTCAGAGAGTACGCATGTGCTTCAGCCCTTC
CTCCCCAGCATCCTGGATGGCCTAATTCACCTAGCAGCCAGTTCAGCTCCGAGGTCTCAACCTGGTGA
TGGAGACCCTGTGCATCGTTTGTACTGTTGACCAGAGTTTACAGCAAGTGTGGAAAGCAAAATCTGCC
CTTCACCATCGCCATTTTCTAAAGTACAGTAATGACCCTGTGGTTGCCCTCGCTGGCTCAGGACATCTTC
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ATTCTTTGTTGGTCAAGATCCTAAAGCTGATTATCAATGAGCTTTCAAACGTCATGGAGGCCAACGCTG
CTCGCCAGGCCACTCCCAGGAGTGGAAACCAAGATGATCCAATGATATGTGGGAGGACCAGGAGGAAGA
GGAAGAGGAGGAAGAGGATGGTTTAGCTGGCCAGCTTTTATCTGACATTTCTGCTACAAGTAAATATGAG
GAGGATTACTATGAAGACGATGAAGAAGATGACCCCGATGCCCTGAAGGACCCTCTACCAGATCGATC
TGCAGGCATATCTCACAGACTTCCTTTGCCAGTTTGTCTCAGCAGCCCTGTTACATAATGTTTTTCATGCCA
CCTTAACGACACCGAGAGGGGGTCTACAGACTATCGGCATCTAA

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AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001107180
- Insert Size:** 3126 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\\_001107180.1](#), [NP\\_001100650.1](#)
- RefSeq Size:** 3421 bp
- RefSeq ORF:** 3126 bp

Locus ID: 304817

Cytogenetics: 13q13