

Product datasheet for **RN206655**

Ipo4 (NM_001106038) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ipo4 (NM_001106038) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ipo4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206655 representing NM_001106038 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCCTGCGGGTCTGGAACAGATCCTGAAGGAGCTGCTGATGCCCGACACCGAGCGCATCCGCCGGG
CTACGGAGCAGCTCCAGACCGCCCTTCGAGACCTGCTGCCTTGCCAGCGCTCTGCGACCTGCTAGCATC
AGCGACCGACCCCTCAGATCCGCCAGTTTGCAGCGGTCTGACCCGAGAAGGCTGAGCAATCGTGGCGT
CGCTTGGCACCTGAGCAGCGGGAGAGCCTCAAGTCTCTGGTCTGACAGCACTGCAGAAAGAGACAGAGC
ATTATGTGAGTGTCAGCTTGGCCAGCTCTCAGCCACCATTTTTCGCAAGGAAGGCTGCAAGGCTGGCC
TCAGTTTCATGAACCTTCTTCAGCATAGCACTCACAGTGCCACAGCCCTGAGAAAGAGGTAGGACTGCTG
CTACTGAGCGTGGTGGTGTCTTCTCAGCCGGAGGCCTTCCACGCCACCCAGCAAGAGCTCCTTCAGCTTC
TGATTGAGACGCTCAGTGAAGTGAGCTTCCCCGGAGTGCTCTTCTACTCCCTGCGCACTCTGACTGCCTT
GGCCCGCTACCTCAGACCAGATGATGTGTCTCTCGCACGGATGTTGGTGCCCAAAGTCGTTACGGCATTG
AGGACTCTGATCCCTTAGATGAGGTAAGGCCTGTGAGGCCCTGGAGGCCCTGGATGAAATGCTGGAGA
CAGAGTTGCCCATCATCACCCCCACCTCTCTGAGGTCTCACGTTTTGCCTGGAGGTGGCTAAGAATGT
GGCCCTTGGCGAAGCAATTCGTGTACGTATTCTCTGCTGCCTCACTTTCTTGGTCAAAGTCAAAAGTAAG
GCTTTGCTAAAGAACCGCTCCTGCCTCCCTGCTGAACGCCCTTCCCCATAATGGCTGCGGAGCCAC
CCCTGGGCCAACTGGATCCTGAAGACCAAGATTCTGACGACGATGACTTGGAGATTGGGCTGATGGGGGA
GACTCCCAAGCACTTTGCTGTGCAAGTTGTGGACATGCTGGCACTGCATCTTCCCCTGAGAAGCTCTGT
CCGCATGTGATGCCCATGCTGGAAGAAGCCTTGCGGAGTGAGGCCCGTACCAGCGCAAAGCAGGCTTCC
TGGTGTGGCCGTATTATCTGACGGTGCTGGTGACCACATCAGACAAAGACTGCTATACCCACTGCTGCA
GATCGTGTGAAGGGCCTGGATGACCCCTCACAGGTGTTTCGAAATGCTGCTCTGTTTGCCTGGGCCAG
TTTTCAGAGAAGTTACAGCCCCATATCAGCAGCTATTCGAGGAGGTAATGCCCTGCTCCTTACCTACC
TGAAGTCAGTGCTATGGGAAACACGCACCACTGGCCAAGGCCTGCTATGCTCTGGAGAAGCTTTGGA
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CCAGCAAGCCGACCAAGAGCTGGCTGTGAGCGCCATAGGGGCCATTGCCACAGCTGCCCAAGATT
CCCTGCTGCCCTACTTCCCAACTGTCATGGAGCACATCCGGGAATTCCTGTTGACAGGCCACGATGACCT



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TCATCTCGTGCAGATCCAGAGCCTGGAGACCCTGGGAGTGTTAGCACGAGCTCTAGGAGAGTCCATGAAG
 CCCCTGGCTGAGGAATGCTGTGCTGAGTGGGACTAGGATTATGTATTCACGTGGACGACCCTGACGTGAGGC
 GCTGCACGTACAGCCTGTTTGCAGCCTTATCAGGGTTGATGGGAGAGAGCTTGGGGCCCTACCTGCCTCA
 GATTACCACGCTCATGCTGCTGCTCACTGCGCTCCACTGAGGGCATTGTGCCTCAGTATGATGGCATCAGC
 TCCTTCCTTCTGTTTGGAGATGATAGCGAAGCAGAGGAGGAGGAGGAGCTCATGGATGAAGACATGGAAG
 AGGAGGAGGATGACTCTGAGATCTCGGGGTATAGTGTGGAGAATGCCTTCTTCGATGAGAAAGAAGATAC
 CTGCACTGCCCTGGGGGAGATCTCTATGAACACCAGTGTGGCCTTCCTTCCATTATGGACGCCATCTTT
 GATGAAGTATACAACTGCTGGAGTGCCCTCACATGAATGTGCGGAAAGCAGCTTACGAAGCTCTGGGAC
 AGTTCTGCTGTGCGCTGCACAAGCCTGTGAGAGAGGCCCTCAGATCCCAACAACGCTGCGCTGCAGTC
 CTCCCTGGCTCGAGCGATCCCGTCTTACATGCAGGCCGTGAAGGTAGAAAGGGAGCGCCAGTGTTGATG
 GCCGTGCTGGAGGCCCTGACAGGGGTGCTGCGCACCTGTGGCGCACTCACGCTGCAGCCTCCTGGGCGTC
 TCAGTGAAGTCTGCAACGTGCTCAAGGCTGTGCTGCAGAAGAAGACAGCCTGTGAGGATGCTGAGGAGGA
 TGACGATGAAGATGATGACCAGGCAGATATGACGCCATGTTACTAGAGCATGCCGGGAGGCCATCCCT
 GTCCTGGCAGCCGAGCCGAGGACATGCCTTCGCTCCTTCTTGGCACTTTCTTGCCATTATTGCTGT
 GTAAGACGAAACAGAGCTGTACAGTGGCAGAGAAGTCCTTGCAGTGGGACACTGGCAGAATCCATTCA
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 GCAGACCCCGAGGTGCGGAGCAATGCCATCTTTGGGCTGGGCGTACTTGCAGAGCATGGGGGCTGCCCTG
 CTCAGGACCACTTCCCTAAGCTACTGGGCTCCTTTTGCCCTCCTGGCAAGGGAGCGGCATGATCGAGT
 CCGTGATAACATCTGTGGGGCTCTTGCCCGTCTGCTGATGGCCAGTCCGGCAGGAAAAACAGAGCCCCAG
 GTGCTAGCTACCTGCTACATGCCCTGCCCTGAAGGAAGACATGGAGGAATGGGTCACTATAGGTCACC
 TCTTCAGCTTCTGCACCAGAACAACCTGACCAGGTTGTGGGTGGCTTCAGAGCTCCTGCGCATCTG
 CAGCCTGATCCTGCCAGACAACAGGATCCCCCAGACACCAAGGCCGCACTGCTACTACTACTGACGTTT
 CTGGCCAAGCAGCACAGCGACAGCTTCCACACAGCCCTGGGCTCTCTGCCAGATGATAAAGCTCGGGAAC
 TTCAGGCCATGCTGGGCCCTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001106038
Insert Size:	3246 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_001106038.1</u> , <u>NP_001099508.1</u>
RefSeq Size:	3717 bp

RefSeq ORF: 3246 bp

Locus ID: 290228

Cytogenetics: 15p13