

Product datasheet for **RN209044**

Ipo13 (NM_053778) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ipo13 (NM_053778) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ipo13
Synonyms:	Imp13; Lgl2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209044 representing NM_053778
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCGCGGGAGGAGCAGCTGGGGCTGCAGGGCTGGAGCAGCACCAGCCTTGGACTTCACTGTGG
 AGAACGTGGAGAAGGCGCTGCACCAGCTCTACTACGACCCCAATATTGAGAACAAGAACCTGGCTCAGAA
 GTGGCTGATGCAGGCCAGGTCTCTCCACAGCCCTGGCATTTCAGCTGGCAGCTACTACAGCCAGACAAG
 GTGCCGTGAGATCCAGTACTTTGGGGCCAGTGCCCTGCACATCAAGATCTCTCGTATTGGAGTGACATCC
 CCACCGACCAGTATGAAAGCCTAAAGGCGCACTTTTACCCAGATCACCCGCTTTGCCAGTGGCTCCAA
 AATTGTGCTGACTCGGCTATGTGTGGCGCTGGCCTCACTGGCTCTCAGTATGATGCCTGACGCTTGGCCA
 TGTGCTGTGGCAGATATGGTCCGGCTCTCCAAGCTGAGGACTCTCCGGTGGATAGCCAGGGCCGTGTGC
 TGGCCCTGCTAGAGTTGCTGACGGTACTGCCTGAGGAGTTTCAGACCAGTCGCTTGCCCCAGTACCGCAA
 AGGTCTGGTACGGGCCAGCCTGGCGGTGGAGTGTGGGGCTGTCTCCATTGCTGGAGCAATTGCTACAA
 CAGCCCAGCTCTCCAGCTGTGTGCGTCAAGAGTGTCTAAGTGTCTCCAGCTGGGTGCAGCTGGAAAG
 TGCCCCCTGCAGGACTGTGAGGCGCTCATTACAGGCCCTTTGCTGCTCTGCAGGACTCGGAGCTCTTTGA
 CAGCAGCGTGGAGGCCATTGTCAATGCTATCTCCAGCCAGATGCCCAAAGGTATGTGAACACACTCCTG
 AAACTCATTCCGTTGGTGTGGGACTGCAGGAGCAACTGCGGCAGGCAGTGCAGAATGGGGACATGGAGA
 CCTCCCATGGCATCTGCCGCAATTGCTGTGGCCCTGGGCGAGAACCCTCTCGGGCCTTGCTAGATCAAGT
 AGAACACTGGCAAAGCTTCTGGCACTGTCAACATGATCATGTTCTGCACAGGCATCCCTGGCCACTAT
 CCTGTCAATGAGACCACCAGCTCCCTCACTCTCACCTTCTGGTACACACTGCAGGATGACATTTCTGTCT
 TTGAGGCAGAGAAGCAGGCTGTGTACCAGCAGGTGTACCGGCCAGTCTACTTCCAGCTGGTGACGTGCT
 TCTGCACAAGGCCAGTTCCCTCTGATGAGGAATATGGATTCTGGTCTCAGATGAAAAGGAGCAGTTTC
 CGAATCTACAGGGTGGACATTTACAGACACTCATGTATGTGTATGAGATGCTGGGGCTGAGCTGCTTA
 GCAACCTCTATGACAAACTGGGCGCTTTGCTCACCAGCTCAGAGGAGCCCTACTCCTGGCAGCACACAGA
 AGCCCTGCTCTATGGCTTCCAGTCCATTGCAGAGACCATCGATGTCAACTACTCTGATGTGGTACCCGGG
 CTCATTGGCCTCATCCCACGGATCAGCATCAGCAACGTGCAGCTGGCAGATACCGTCATGTTACCATTG
 GAGCTCTGTCTGAATGGCTGGCTGACCACCCTGTATGATCAACAGCGTTCTGCCCTTGTGCTGCATGC
 CCTAGGCAATCCTGAGCTGTCTGTCTCATCAGTGTGACCCTCAAAAAGATCTGCCGAGAGTGCAAGTAT
 GAACTGCCGCCATGCTGCCAACATTGTAGTGTCTCCAGGATGTGCTGATGAAGCAGATCCACAAGA
 CTAGCCAGTGCATGTGGCTGATGCAGGCACTGGGCTTCTGCTGTGAGCCCTGCAGGTAGAGGAGAACCT
 GAAGAACCTGCACTCACTCATCTCTACCTACATCCAACAGCTGGGAAAGCTGGCAGAAGAGATACCTAAA
 CCCTCAAACAAGCTGGCCATTGTACACATCTTTGGGGCTTCTTTCCAACCTCTTTACCACACTGGACGTCA
 GTCATCATGAAGATGATCACGAAGGCCCTGAGCTCCGAAAGCTGCCAGTCCACAGGGACCCAAACCCGGT
 GGTGGTCGTGCTGCAGCAGGTCTCCAGCTCATCCAGAAGGTGCTGAGCAAGTGGCTGAGTATGCCAG
 GTGGTCGAGGCGGTGTGTGCCATCTTTGAGAAGTCTGTTAAGACACTGCTGGATGACTTTGCCCCATGG
 TGCCACAGCTCTGTGAGATGCTGGGTGGATGTACAGCACCGTTCCCAAGGCCTCTGCTTTCACCTCAC
 TCGACAGTTGGTCCACATCTTTGCCACAGCCTGCCACTTTCCCAATAGAGGCCCTCTTCCCTGTG
 GTGACCTCCGTCACTCTCTCTCTTCCAACAAGGCCAGGGACCATCTGATATTGTTGATTCAATTTA
 TGCAACTCCTGGCACAGGCTTTGAAGCGGAAGCCAGATTTGTTCCAGTGTGAGCGATTGGATGTCAAAGC
 TGTGTTCCAGTGTGCTGTGCTGGCCCTCAAGTTCCTGAGGCACCTACTGTCAAGGCCTCCTGTGGCTTC
 TTTACTGAGTGTGCTCGATGTGGGAAATAGAATCTGTGGGAAAGTGGTACAGGAAGATGGCCGTA
 TGCTGCTCATAGCAGTGTGGAGGCCATCGGGGCCAGGCCTCCCGTAGCCTCATGGACTGTTTTGCTGA
 CATCCTGTTGCCCTGAACAAACTGCTTACGCTCCTAAGCATGTGGATCAAGGAGGCTTACAGCCA
 CCTGGCTTCCATCTGCCGTCTCAGCCCTGAGCAGAAGGACACCTTACGCCAGCAGATACTTCGTGAGC
 GAGTGAACAAGAGACGGGTGAAGGAGATGGTGAAGGAATTTACACTGCTGTGCCGGGGCTACATGGCAC
 AGACTACACAGCTGACTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053778
Insert Size:	2892 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:	<ol style="list-style-type: none">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_053778.1</u> , <u>NP_446230.1</u>
RefSeq Size:	3559 bp
RefSeq ORF:	2892 bp
Locus ID:	116458
UniProt ID:	<u>Q9JIM04</u>
Cytogenetics:	5q36
Gene Summary:	may be a nuclear import protein involved in import of transcription factors that regulate signal transduction during fetal lung development [RGD, Feb 2006]