

Product datasheet for RN201750

Ipo7 (NM_001107545) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ipo7 (NM_001107545) Rat Untagged Clone
Tag: Tag Free
Symbol: Ipo7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201750 representing NM_001107545
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATCCCAACACCATCATCGAGGCCCTTCGGGGCACCATGGACCCAGCCCTGCGCGAGGCCGCTGAGC
GCCAGCTCAATGAAGCACACAAGTCTCTGAATTTTGTTC AACACTGCTCCAGATTACTATGTCAGAACA
ACTGGATTTACCTGTGAGACAGGCAGGTATTATTTGAAAAATATGATAACACAATATTGGCCTGAT
CGGGAAGCCACACCAGGGGACATCTCCCATATACTATTCAGAAAGAACCCGACACTGCATTTCGAGAAA
ATATTGTAGAAGCCATTATCCACTCACCTGAGCTTATTAGGGTACAGCTTACTACATGTATCCATCATAT
CATCAAACATGACTATCCAAGCCGCTGGACTGCTATCGTGGACAAGATTGGTTTTTATCTCCAGTCTGAT
AACAGTGTCTTGGCTGGGAATTTCTTCTTTCCTTTATCAGCTTGTGAAAAATTATGAGTACAAGAAAC
CAGAAGAGCGAAGCCATTGGTGGCAGCCATGCAGCACTTCTGCCAGTCTGAAGGATCGCTTTATCCA
GCTGCTTTCTGATCAATCTGACCAGTCTGTTCTCATCCAAAAGCAGATTTTCAAGATTTTCTATGCTCTT
GTTCAGTATACACTACCCCTGGAGCTGATAAATCAACAGAACCTGACTGAATGGGTAGAAATTTGAAGA
CTGTTGTGAATAGGGATGTACCTAACGAAACACTTCAAGTTGAAGAAGATGATAGACCAGAGTTACCTG
GTGGAAATGTAAAAAGTGGGCCTTACATATTTAGCAAGACTTTTGAAGATATGGAAGCCCTGGGAAT
GTTTCTAAAGAGTATAATGAGTTTGTGAAGTCTTCTGAAGGCATTTGCTGTTGGTGTCCAGCAAGTTT
TATTGAAAGTGTGTATCAGTACAAGGAGAAACAGTATATGGCTCCTCGAGTTTTACAGCAGACATTA
TTATATTAATCAAGGAGTTTCCCACGCTTTACATGGAAGAACCTGAAGCCTCATATACAAGGCATTATC
CAAGATGTTATTTTCCATTGATGTGCTATACAGATGCTGATGAGGAACCTGGCAAGAAGATCCTTATG
AATATATACGCATGAAGTTTGTGTGTTTCGAGGATTTTCTTCTCCTACTACTGCAGCTCAAACACTTTT
GTTTACAGCCTGTAGTAAAAGGAAAGAGGTACTGCAAAAGACTATGGGATTTTGTACCAGATTCTTACT
GAGCCGAATGCTGATCCACGTA AAAAAGATGGAGCTTTGCATGATTTGGCTCTTTAGCTGAAACTTCTC
TGAAAGAAGATCTACAAAGATCAAATGGAATACATGTTGCAAAATCATGATTTTCTCTCTTTCAGCAG
TGAAGTGGCTACATGAGAGCAAGAGCTTGTGGTCTTCACTATTTTTGTGAAGTGAATTTCAAAGT
GATCAAACCTCAAACAGCTTTAGAGCTGACAAGAAGATGTCTGATTGATGATCGAAGAAATGCCTGTAA
AAGTGGAAAGCTGCCATTGCACTACAAGTGTGATAAGCAATCAAGAAAAAGCTAAAGAATACATCACTCC
ATTTATCAGACCTGTAATGCAGGCTCTTCTTCATATTATAAGAGAAACAGAAAACGATGATCTTACAAT



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GTAATTCAGAAAATGATCTGTGAATATAGTGAAGAAGTTACTCCTATTGCTGTAGAAATGACACAACATC
 TGGCAATGACATTTAACCAAGTAATCCAGACTGGGCCAGATGAGGAAGGAAGCGATGACAAAGCAGTCAC
 TGCTATGGGAATTTAAATACAATTGACACACTCTGAGTGTGGTTGAAGATCACAAAGAGATAACCCAG
 CAGCTTGAAGGGATCTGCTTACAAGTCATCGGGACCGTTTTACAGCAGCATGTCTTAGAATTCTATGAGG
 AGATCTTTTCTTTGGCACATAGTCTGACATGTCAACAAGTATCTCCACAGATGTGGCAGTTACTGCCCT
 TGTATTTGAGGTATCCAGCAAGATGGCTTTGATTACTTTACAGACATGATGCCTCTTCTACATAACTAT
 GTAACAGTTGATACAGATACCCTTCTATCTGATACCAAGTATCTTGAAATGATATACAGCATGTGTAAAA
 AGGTTCTTACTGGAGTTGCAGGAGAAGATGCAGAATGCCATGCGGCAAAATTATTAGAGGTCATCATTCT
 ACAGTGCAAAGGCCGGGCATTGATCAGTGTATCCCATTATTCGTGGAGGCAGCTTTAGAGAGACTGACG
 AGGGAGGTTAAAACAAGTGAGCTCCGAACAATGTGCTTGACAGTTGCAATTGCAGCATTGTATTATAATC
 CACACCTACTGCTTAATACCTTAGAAAACTTCGCTTCCCAAATAATGTTGAACCTGTTACAAATCATT
 TATCACACAATGGCTTAATGACGTTGACTGTTTTCTGGGGCTTCATGACAGGAAGATGTGTGTTCTTGGC
 CTGTGTGCTCTTATAGATATGGAACAAATACCACAGGTTTTGAATCAGGTTTCAGGACAGATTTTGGCCAG
 CATTATTTCTTTTATTTAATGGATTAAGAGCGTATGCCTGCCATGCAGAACATGAGAATGATAGTGA
 TGATGATGACGATGCCGAAGATGATGATGAGACTGAGGAACTAGGGAGTGAAGATGATATTGATGAA
 GATGGGCAGGAATATTTGGAGATCTAGCTAAACAAGCTGGTGAAGATGGAGATGATGAAGATTGGGAAG
 AAGATGATGCCGAGGAGACTGCTCTAGAAGGCTATTCCACAATCATCGATGATGAGGATAACCCCTGTTGA
 TGAGTATCAAAATATTTAAAGCTATATTTCAAATTCAAATCGTAATCCTGTATGGTATCAGGCTTTG
 ACTCACGGTCTTAATGAAGAGCAAAGAAAACAGTTACAGGACATAGCAACTCTGGCTGATCAAAGAAGAG
 CAGCACATGAATCCAAAATGATTGAAAAGCATGGAGGATATAAATTCAGTGCTCCGGTTGTGCCAAGTTC
 TTTCAATTTTGGAGGCCCGCCACCAGGGATGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107545
- Insert Size:** 3117 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_001107545.1](#), [NP_001101015.1](#)
- RefSeq Size:** 5207 bp
- RefSeq ORF:** 3117 bp
- Locus ID:** 308939

Cytogenetics: 1q33