

## Product datasheet for **SC326315**

### IPO11 (NM\_001134779) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IPO11 (NM\_001134779) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** IPO11  
**Synonyms:** RanBP11  
**Vector:** pCMV6 series  
**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001134779, the custom clone sequence may differ by one or more nucleotides

```
ATGGTACAGCCTATTATACACTTGGGCTATGTGGTATATAGCTTATTGTATCTAGGCTAT
AAGCCTGTACAGCATGTTACTGCACTGAATACTGTAAGCAGTTGTCACAAAATGGTTTCC
ATGGATCTCAATAGTGCCAGCACTGTTGTTCTTCAGGTGTTAACACAGGCCACCAGTCAG
GATACTGCTGTGTTAAAACAGCTGAGGAGCAGTTGAAGCAGTGGGAGACACAGCCAGGT
TTCTATTCAGTGTGCTGAATATTTTACCAACCACACTTTGGATATAAATGTAAGTGG
CTTGCTGACTGTATTTAAACATGGAATTGATCGCTACTGGAGACGTGTAGCACCTCAT
GCTCTCTCAGAGGAGGAGAAAACACTCTGCGTGCAGGGCTCATACCAACTTCAATGAA
CCAATAAACAGATTGCAACTCAGATTGCAAGTGCATTGCAAAAAGTTGCTAGATTGGAT
TGTCACAGACAGTGGCCTGAACTAATCCCACTCTTATAGAGTCTGTTAAAGTCCAGGAT
GATCTTCGACAGCACAGAGCATTACTTACCTTCTATCATGTTACCAAGACACTGGCATCT
AAACGACTTGCTGCTGATAGAAAATTTTTATGATTTAGCTTCTGGAATTTATAATTTT
GCCTGCTCTCTGTGGAATCACCACACAGACACATTCTGCAAGAAGTTTCTTCTGGCAAT
GAAGCTGCAATTTGAGTTCACAGAACGAACTGCTATCATTGAAAGTGCCTGCGTAAG
TTAACTGTTAATGGATTTGTGGAACCTCATAAGAATATGGAGGTGATGGGTTTTTTACAT
GGAATTTTGAAGCTCTAAAACAGTTTCTGGAATGCAGTGAAGTATAGGTACAGATAAT
GTGTGTAGAGATAGACTGGAAAAGACCATTCTTTTTACTAAAAGTCTTTTGGACTTC
TTGGATCAGCATCCTTTTTCTTACTCCTCTAATTCAGAGATCACTGGAATTTTCTGTA
AGCTATGTTTTTACAGAAGTTGGTGAAGGCGTTACATTTGAACGATTCATTGTCCAATGT
ATGAATCTTATTAAGATGATTGTCAAAAATTTAGCTTATAAGCCATCCAAAAATTTGAA
GATAGCAGCCCTGAAACTCTTGAAGCCCATAAGATTAAGATGGCATTCTTCACATATCCT
ACTTTGACAGAGATATGTAGAAGATTAGTCTCATTATTTCTTAACTGAAGAAGAA
CTGACAATGTGGGAAGAAGACCCAGAAGGCTTTACAGTGAAGAAGACAGGAGGAGATTCT
TGGAAATATAGTTTGGAGCCATGCACTGAAGTATTATTTATAGATATATCCATGAATAT
AATCAGACTCTTACTCCTGTACTTCTAGAAATGATGCAAAACACTCAAGGACCCACAAAT
GTGGAAGATATGAATGCACTGTTAATCAAAGATGCTGTGTATAATGCTGTTGGATTAGCT
GCTTATGAGCTCTTTGACAGTGTGATTTTGTATCAGTGGTTTTAAAACCAGCTTCTTCCA
GAATTACAAGTCAATCACAATAGGTATAAGCCATTGCGACGCAGGGTGATTTGGCTCATC
GGTCAGTGGATTTCTGTGAAATCAAGTCTGACTTAAGACCCATGCTTTATGAAGCAATC
TGTAACCTGCTCAAGATCAAGATTTAGTGGTCCGTATTGAAACAGCTACAACCTTGAAG
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TTAACTGTTGATGATTTTGAATTTAGAACAGATCAGTTTCTACCGTATTTGGAAACCATG
TTCACACTACTTTTTTCAGTTACTGCAGCAAGTTACAGAATGTGACACAAAGATGCATGTT
TTGCATGTCCTTTCTTGTGTGATCGAAAGAGTCAACATGCAGATACGACCATATGTGGGA
TGTTTGGTACAATATTTGCCCTCCTTTGGAAGCAGAGTGAAGAACACAATATGTTGAGA
TGTGCTATTTTGACAACACTTATTCATCTTGTTCAGGGATTAGGAGCAGACAGCAAGAAC
CTGTACCCTTTCTGCTCCCAGTTATTTCAACTGAGTACAGATGTTTCACAGCCTCCACAT
GTTTATCTTCTGGAAGATGGTTTAGAATTATGGTTAGTAACTTTGGAAAACAGTCCATGT
ATTACACCAGAGTTGCTTCGTATATTTTCAGAATATGTCACCACTTCTTGAACAAAGTTCA
GAAAATCTTAGAACTTGCTTTAAGATCATCAATGGTTATATCTTTTTATCATCAACAGAA
TTTTTACAGACATACGCAGTAGGTCTATGCCAGTCTTTTTGTGAACTTTTAAAGGAAATT
ACTACAGAAGGTCAAGTTCAGGTGCTCAAGGTTGTGGAAAATGCCCTTAAAGTGAACCCA
ATACTAGTCCACAAATGTTTCAACCGATTTTACCCTATGTTTTCAAGGGTATTATAGAA
GGGGAGAGGTATCCTGTAGTGATGTCCACGTATCTGGAGTTATGGGTCGAGTTCTACTA
CAAAACACTAGTTTTTTTTCTTCACTACTTAATGAGATGGCCATAAATTTAATCAGGAG
ATGGACCAGCTTTTGGGAAATATGATTGAAATGTGGGTTGATCGAATGGACAACATTACC
CAGCCTGAAAGAAGAAAACCTTTACAGCTTTGGCTTTGCTCTCTCTCTGCCATCTGATAAT
AGTGTTATCCAAGATAAATTCTGTGGGATTATAAACATTTTCAGTAGAAGGCTGCATGAT
GTCATGACGGAAGATCCTGAAACAGGAACTTATAAAGACTGTATGTTGATGTCTCATCTT
GAGGAACCAAAAGTAACAGAAGATGAAGAACCACCCACAGAACAAGATAAGAGGAAAAAG
ATGCTGGCCCTGAAGGACCCTGTTTCATACAGTGTCACTGCAGCAGTTCATCTACGAGAAG
CTCAAGGCACAGCAGGAGATGCTAGGAGAACAAGTTTCCAGTCCCTCATGGAACAGTG
GATACGGAGATTGTCACCCAGCTACAGGAGTTTTTGCAAGGATTC

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**Restriction Sites:**

Please inquire

**ACCN:**

NM\_001134779

**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).

**OTI Annotation:**

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001134779.1](#), [NP\\_001128251.1](#)

**RefSeq Size:**

4480 bp

**RefSeq ORF:**

3048 bp

**Locus ID:**

51194

UniProt ID: [Q9UI26](#)

Cytogenetics: 5q12.1

**Gene Summary:** Importins, including IPO11, are a members of the karyopherin/importin-beta family of transport receptors (see KPNB1; 602738) that mediate nucleocytoplasmic transport of protein and RNA cargoes (Plafker and Macara, 2000 [PubMed 11032817]).[supplied by OMIM, Sep 2008]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).