

Product datasheet for **SC314440**

SP110 (NM_004509) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SP110 (NM_004509) Human Untagged Clone
Tag:	Tag Free
Symbol:	SP110
Synonyms:	IFI41; IFI75; IPR1; VODI
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_004509 edited
 AGTGATCCCTGTCCCAGCCCCTGGAAAGGGGCAGGAACGACAACTCAAAGTCCAGGATG
 TTCACCATGACAAGAGCCATGGAAGAGGCTCTTTTTCAGCACTTCATGCACCAGAAGCTG
 GGGATCGCCTATGCCATACACAAGCCATTTCCCTTCTTTGAAGGCCTCCTAGACAACCTCC
 ATCATCTAAGAGAATGTACATGGAATCTCTGGAAGCCTGTAGAAATTTGATCCCTGTA
 TCCAGAGTGGTGCACAACATTCTCACCCAAGGAGGACTTTTAACCTGTCTCTTCTG
 GTGACATTGTTTTCAGTCAAATTAACCTGCGTGAATATCCCAATCTGGTGACGATTTACAGA
 AGTTCAAACGTGTTGGTGCTTCTATGAACGGCAGAGCAGAGACACCAATCCTACTT
 GAAGCCCCAACTGGCCTAGCAGAAGGAAGCTCCCTCCATACCCCACTGGCGCTGCCCCCA
 CCACAACCCCTCAACCAAGCTGTTACCCCTGTGCGCCAAGAGTCAGTGAGCCTGGAACA
 TCCTCCCAGCAAAGCGATGAGATCCTGAGTGAGTCGCCAGCCCATCTGACCCTGTCTG
 CCTCTCCCTGCACTCATCCAGGAAGGAAGAAGCACTTCAGTGACCAATGACAAGTTAACA
 TCCAAAATGAATGTGAAGAAGACTCAGAAGAGATGCCAGCCTCCTCACTAGCACTGTG
 CAAGTGGCCAGTGACAACCTGATCCCCAAATAAGAGATAAAGAAGACCCCAAGAGATG
 CCCCCTCTCCCTTGGGCTCTATGCCAGAGATAAGAGATAATTCTCCAGAACCAATGAC
 CAGAAGAGCCCCAGGAGGTGTCCAGCACACCTTCAGACAAGAAAGGAAAGAAAAGAAAA
 AGATGTATCTGGTCAACTCCAAAAGGAGACATAAGAAAAAAGCCTCCCAAGAGGGACA
 GCCTCATCTAGACACGGAATCCAAAAGAAGCTCAAAAAGGGTGGATCAGGTTCTCAAAG
 AAAGATGACTCAACTTGTAACTCCACGGTAGAGACAAGGGCCCAAAGGGCAGAACTGAA
 TGTGCCGAAAGTCGAGATCAGAGGAGATCATTGATGGCACTTCAGAAATGAATGAAGGA
 AAGAGTCCCAGAAGACGCTAGTACACCACGAAGGGTCACACAAGGGGCAGCCTCACCT
 GGGCATGGCATCAAGAGAAGCTCCAAGTGGTGGATAAGGTGACTCAAAGGAAAGACGAC
 TCAACCTGGAACTCAGAGGTCATGATGAGGGTCCAAAAGGCAAGAATAAATGTGCCCGA
 AAGTCCAGATCGAAAGAAAAGAAAAGGAGAAAGATATCTGTTCAAGCTCAAAAAGGAGA
 TTTTCAGAAAAATATTCACCGAAGAGGAAAACCCAAAAGTGACACTGTGGATTTTCACTGT
 TCTAAGCTCCCCGTGACCTGTGGTGAAGCGAAAGGGATTTTATATAAGAAGAAAATGAAA
 CACGGATCCTCAGTGAAGTGCATTCGGAATGAGGATGGAACCTGGTTAACACCAATGAA
 TTTGAAGTCGAAGGAAAAGGAAGGAACGCAAGAAGTGGAAACGGAATATACGTTGTGAA
 GGAATGACCTAGGAGAGCTGCTGAAGCGGAAAAGTCCGATGAATGCGAGGTGTGCTGT
 CAAGGGGGACAACCTCTCTGCTGCGGTACTTGTCCACGAGTCTTCCATGAGGACTGTCAC
 ATCCCCCTGTGGAAGCCAAGAGGATGCTGTGGAGTTGCACCTTCTGCAGGATGAAGAGG
 TCTTCAGGAAGCCAACAGTGCCATCATGTATCTAAGACCTGGAGAGGCAGATGCAGCCT
 CAGGACCAGCTGATTCGAGATTACGGTGAGCCCTTTCAGGAAGCAATGTGGTTGGACCTG
 GTTAAGGAAAAGGCTGATTACGGAATGTACACGGTGGCATGGTTTGTGCGAGACATGCGC
 CTGATGTTTCGCAACCATAAAAACATTTTACAAGGCTTCTGACTTTGGCCAGGTAGGACTT
 GACTTAGAGGCAGAAATTTGAAAAAGATCTCAAAGACGTGCTCGGTTTTTCAAGCCAAT
 GACGGCGGTTTTCTGGACTCTTCCCTTGACCCTGTTCTGTAAGACTGAAGCATCCCCACCT
 CAGGATTCAGCTGATGGGACCCTGGCTTGGACTGTTGATTGCCAGTGAGTCTGGGATGTA
 ATTGGCTGCCCTCAGGACCCAAACCCAGACACTTCATAGGATTATCACACCCTCCATCTT
 TATTCTTTCTTTTACCTTTAAAAGTCTATATCTACACTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_004509

Insert Size: 2300 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).

OTI Annotation: It is not a variant.

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_004509.2</u> , <u>NP_004500.2</u>
RefSeq Size:	2359 bp
RefSeq ORF:	2070 bp
Locus ID:	3431
UniProt ID:	<u>Q9HB58</u>
Cytogenetics:	2q37.1
Domains:	SAND, BROMO, PHD, Sp100
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>The nuclear body is a multiprotein complex that may have a role in the regulation of gene transcription. This gene is a member of the SP100/SP140 family of nuclear body proteins and encodes a leukocyte-specific nuclear body component. The protein can function as an activator of gene transcription and may serve as a nuclear hormone receptor coactivator. In addition, it has been suggested that the protein may play a role in ribosome biogenesis and in the induction of myeloid cell differentiation. Alternative splicing has been observed for this gene and three transcript variants, encoding distinct isoforms, have been identified. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (a) lacks an internal alternate exon in the 3' coding region, compared to variant c. The resulting protein (isoform a) has a truncated bromodomain region when it is compared to isoform c.</p>