

Product datasheet for **RC218639**

SP110 (NM_004509) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SP110 (NM_004509) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SP110
Synonyms:	IFI41; IFI75; IPR1; VODI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC218639 representing NM_004509
Red=Cloning site Blue=ORF Green=Tags(s)

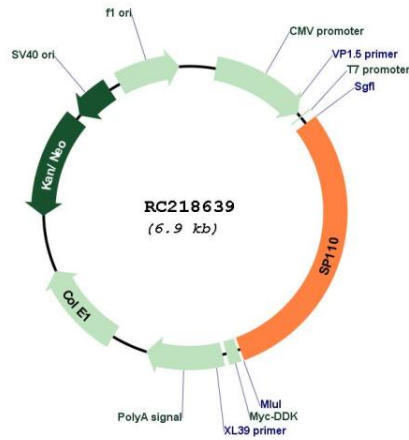
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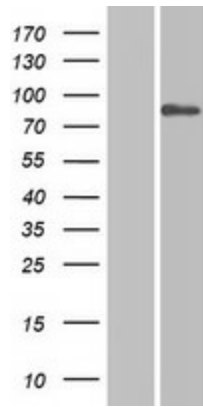
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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
MW:	78.2 kDa
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>

Product images:



Circular map for RC218639



Western blot validation of overexpression lysate (Cat# [LY417942]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC218639 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).