

Product datasheet for **SC300816**

SP140 (NM_001005176) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SP140 (NM_001005176) Human Untagged Clone
Tag:	Tag Free
Symbol:	SP140
Synonyms:	LYSP100; LYSP100-A; LYSP100-B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001005176 edited CTTTGACTGAGCACCCAGGGGCAGTTGGCAGCTTCACCTCAGAGCTGCAGGAAGGAACGG GGCAGTGAAAATCGAATCGGGTGTGATCCTAGGCCAAGCTCAGGCCAGCAGGGCCAGC AGGGGCAGATGGCAAGTGGAGACAGCAATCTCACTTCAGGATGGTCGCAGAGATCCAGA ACGTAGAGGGTCAGAACCTGCAGGAGCAGGTTTGCCTGAGCCATTTTCAGTTCTTCA GAGAAAACAAGGTGGAGATTGCAAGTGAATAACAAGGCCATTTCTTTCTTATGGGCC TCCGAGACCGCTCCTTCATCTCCGAGCAGATGTATGAACATTTTCAAGAAGCTTTTAGAA ACCTGGTCCCAGTGACAAGAGTGATGTATTGTGTACTCAGTGAAGTGGAGAAGACATTTG GCTGGTACATCTGGAAGCATTGTTCCAGCAGGATTAACCTGATGGCCTATCCTGATTTAA ACGAGATTTACAGAAGCTTCCAGAATGAAAATTTATCATCCAGTGCAGTCTGTGTCAAC TTGTTTCTCCAAACAAAGACTGGAGAAGTCACGAAGAGAGCCTAGCACATACTGGTACAC TGAGGAGGAGCTGCATGTGAAAGCTATGAAGACAGAAAAGGGGGTTGGTGGGGGCCTTTC CGAACCATGTGGTTGAATTGCAGACTGTGGGAGGCAGGGTGTGAGAGCTGACTCTGGAGA AAGAAGTTGAAGTGGATTCTGGAAGGCTTGACACCCTGTGCTAAGGAATCTGGAGTTTAA TTTTTGGAAAAATAAGAAGGAATAAAGGGCATTAAACGGGAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_001005176
Insert Size:	800 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).



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OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001005176.1.
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:	NM_001005176.1 , NP_001005176.1
RefSeq Size:	853 bp
RefSeq ORF:	519 bp
Locus ID:	11262
UniProt ID:	Q13342
Cytogenetics:	2q37.1
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>This gene encodes a member of the SP100 family of proteins, which are share common domains including an N-terminal homogeneously staining region domain followed by a SP100/autoimmune regulator/NucP41/P75/deformed epidermal autoregulatory factor domain, a plant homeobox zinc finger, and a bromodomain. The encoded protein is interferon-inducible and is expressed at high levels in the nuclei of leukocytes. Variants of this gene have been associated with multiple sclerosis, Crohn's disease, and chronic lymphocytic leukemia. Alternative splicing results in multiple variants. [provided by RefSeq, Aug 2016]</p> <p>Transcript Variant: This variant (2) lacks multiple 3' exons, and has an alternate 3' sequence, as compared to variant 1. The encoded isoform 2 is much shorter and has a distinct C-terminus, as compared to isoform 1.</p>