

Product datasheet for SC116078

SC65 (P3H4) (NM_006455) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SC65 (P3H4) (NM_006455) Human Untagged Clone
Tag:	Tag Free
Symbol:	SC65
Synonyms:	LEPREL4; NO55; NOL55; SC65
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116078 sequence for NM_006455 edited (data generated by NextGen Sequencing)

ATGGCTCGGGTGGCGTGGGGGCTGCTGTGGTTGCTGCTGGGCAGCGCCGGGGCGCAGTAC
GAGAAGTACAGCTTCCGGGGCTTCCCGCCGAGGACCTGATGCCGCTGGCCGCGGCGTAC
GGGCACGCTCTGGAGCAGTACGAGGGAGAGAGCTGGCGCGAGAGCGCGCTACCTGGAG
GCGGCGCTGCGGCTGCACCGCTCCTGCGCGACAGCGAGGCTTCTGCCACGCCAACTGC
AGCGGCCCGCGCCCGGCCAAGCCGATCCCGACGCGCGCGCGCAGACGAGTGGGCC
TGCGAGCTGCGGCTTTCGGCCGCTCTGGAGCGAGCCGCTGCCTGCGGCGTGCAAG
CGGACGCTGCCGCTTCCAGGTGCCCTACCCGCCGCGGCGAGCTGCTGCGTGACTTCCAG
AGCCGCTGCCCTACAGTACCTGCACTACGCGCTGTTCAAGGCTAACCAGCTGGAGAAG
GCGGTGGCGGCGGCTACACCTTCTCCAGAGGAACCCGAAGCAGAGCTGACCGCCAAG
TATCTCAACTACTATCAGGGGATGCTGGACGTCGCCGACGAGTCCCTCACGGACCTAGAG
GCCCAGCCCTACGAGGCCGTGTTCTCCGGGCTGTGAAGCTCTACAACAGCGGGGATTTTC
CGCAGCAGCAGGAGGACATGGAGCGGGCCTTGTGAGAGTACCTGGCAGTCTTTGCCCGG
TGCTTGGCCGGCTGTGAAGGGGCCCATGAGCAGGTGGACTTCAAGGACTTCTACCCGGCC
ATAGCAGATCTTTGCAGAGTCCCTGCAGTGCAAGGTGGACTGTGAGGCCAATTTGACC
CCCAATGTGGGTGGCTACTTCGTGGACAAGTTCGTGGCCACCATGTACCACTACCTGCAG
TTTGCCTACTATAAGTTGAATGATGTGCGCCAGGCTGCCCGCAGCGCCGCCAGCTACATG
CTCTTCGACCCCAAGGACAGCGTCATGCAGCAGAACCTGGTGTATTACCGGTTCCACCGG
GCTCGCTGGGGCCTGGAAGAGGAGGACTTCCAGCCCCGGGAGGAGGCCATGCTCTACCA
AACCAGACCGCCGAGCTGCGGGAGCTGCTGGAGTTCACCCACATGTACCTGCAGTCAGAT
GATGAGATGGAGCTGGAGGAGACAGAACC GCCCTGGAGCCTGAGGATGCCCTATCTGAC
GCCGAGTTTGAGGGGGAGGGTACTACGAGGAGGGCATGTATGCTGACTGGTGGCAGGAG
CCGATGCCAAGGGTGACGAGGCCGAGGCTGAGCCAGAGCCTGAAGTGCATGA

Clone variation with respect to NM_006455.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006455 unedited
 TTTTCAGATTTGTATACGATTTCATATAGGGCGGCCGCAATTTCGCACGAGGGCGCGGCGGG
 CATGGCTCGGGTGGCGTGGGGGCTGCTGTGGTTGCTGCTGGGCAGCGCCGGGCGCAGTA
 CGAGAAGTACAGCTTCCGGGGCTTCCCGCCGAGGACCTGATGCCGCTGGCCGCGCGCTA
 CGGGCAGCTCTGGAGCAGTACGAGGGAGAGAGCTGGCGCGAGAGCGCGCTACCTGGA
 GGCGGCGCTGCGGCTGCACCGGCTCCTGCGCGACAGCGAGGCTTCTGCCACGCCAACTG
 CAGCGGCCCCGCGCCCGGCCAAGCCCGATCCCGACGGCGGCCGCGCAGACGAGTGGGC
 CTGCGAGCTGCGGCTCTTCGGCCGCTCCTGGAGCGAGCCGCTGCTGCGGCGCTGCAA
 GCGGACGCTGCCGCTTCCAGGTGCCCTACCCGCCGCGCAGCTGCTGCGTGACTTCCA
 GAGCCGCTGCCCTACCAGTACCTGCACTACGCGCTGTTCAAGGCTAACCGGCTGGAGAA
 GGCGGTGGCGGCGCCTACACCTTCTCCAGAGGAACCCGAAGCAGAGCTGACCGCCAA
 GTATCTCAACTACTATCAGGGGATGCTGGACGTCGCCGACGAGTCCCTCACGGACCTAGA
 GGCCACGCCCTACGAGGCCGTGTTCTCCGGGCTGTGAAGCTCTACAACAGCGGNGATTT
 CCGCAGCAGCACGGAGGACATGGAGCGGGCCTTGTGAGTACCTGGCAGTCTTTGCCCG
 GTGCTGCGCGGCTGTGAAGGGGCCATGAGCAGGTGGACTTCAAGGACTTCTACCCGGC
 CATAGCAGATCTCTTTCAGAGTCCCTGCAGTGAAGGTGGACTGTNGAGCCAATTTGAC
 CCCCATGTGGTGGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006455 unedited
 GTCCGCGGCCGATTCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGATGGAGTCTCACT
 CTGTGCGCCAGGCTGGAGTGCAGTGGCAGATCTCGGCTCACTGCAAGCTCCGCCTCTG
 GGTTCAAGCGATTCTCCTGCCTCAGCTACGATTACAGGTGTGTGCCACCATGCCTGGCTA
 ATTTTTGTATTTTTAGTAGAGATGGGGTTTACCATTGTTGGCCAGGCTGGTCTTGAAGT
 CCTGACCTCAAGTGATCGGCTCTCAGTGTGGGATTACAGGCGTGAGCCACCGTGCCGG
 CCCGTCTGTTTTTTTTTAAAGATGGAGTCTCGCTCTGTGCGCCAGGCTGGAGTGCAGT
 GCGCAATCTCAGTTCACTGCAACCTTTGCCTCCAGGTTCAAGCGATTCTCCTGCCTCAG
 CCTCTTGAGTAGCTGGGATTTCAAGGCGCTGCCACACACCCGGCTAATTTATGTATTTT
 AGTAGAGACGGAGGTCTCATCATGTTGGCCAGGCTGGTCTTGAAGTCTGGCCTCAAGTG
 ATCCACCCACCTTGGCCTCCCAAAATGCTGGGATTACAGGTGTGAGCCACCGCACCTGGC
 CCATCTTAAGTTTTTAATAAATAGTCTTGTGCTGCTGCCAGGCTGGTGAAGGTGGGGCCA
 TCGGCACCAAGGCTTCCAGCTTGATGCGTGTGGGGTGTCTCTTTTCATGCGAGTTTCA
 GCTCTGGCTAGCTGGCCCTCGTACCCTTGGCATCCCGGGTCTGCCACCAAGCAGTAT
 ACCTGCCCTCCTCGTAGTCACCCCTCCCTCAAAGTCCGCGTTAAATAGGGCATTCTC
 AAGCTCCAAGGGCGGGTCTGTCTCCCTCCACTCCACCTATCATTGACTGCGGTCTGTG
 GCCGACCCAGCAGTTCCGCAATCGGCGCTCGCTGTGGAACCG

Restriction Sites:

NotI-NotI

ACCN:

NM_006455

Insert Size:

1500 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_006455.2](#), [NP_006446.1](#)

RefSeq Size: 2619 bp

RefSeq ORF: 1314 bp

Locus ID: 10609

UniProt ID: [Q92791](#)

Cytogenetics: 17q21.2

Gene Summary: This nucleolar protein was first characterized because it was an autoantigen in cases on interstitial cystitis. The protein, with a predicted molecular weight of 50 kDa, appears to be localized in the particulate compartment of the interphase nucleolus, with a distribution distinct from that of nucleolar protein B23. During mitosis it is associated with chromosomes. [provided by RefSeq, Jul 2008]