

Product datasheet for **SC320759**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006455.2
 CTCAGCTCCGGAGAGCCGGCGCGCGGGCATGGCTCGGGTGGCGTGGGGGCTGCTGT
 GGTGCTGCTGGGCAGCGCCGGGCGCAGTACGAGAAGTACAGCTTCCGGGGTCCCCGC
 CCGAGGACCTGATGCCGTGGCCGCGCGTACGGGCACGCTCTGGAGCAGTACGAGGGAG
 AGAGCTGGCGCGAGAGCGCGCTACCTGGAGGCGGCGCTGCGGCTGCACCGGCTCTGC
 GCGACAGCGAGGCTTCTGCCACGCCAACTGCAGCGGCCCCGCGCCGCGCCAAAGCCCG
 ATCCCGACGGCGCCGCGCAGACGAGTGGGCTGCGAGCTGCGGCTCTTCGCGCGGTCC
 TGGAGCGAGCCGCTGCTGCGCGCTGCAAGCGGACGCTGCCCGCCTCCAGGTGCCCT
 ACCCGCCGCGGACGCTGCTGCGTGAATTCCAGAGCCGCTGCCCTACCAGTACCTGCACT
 ACGCGCTGTTCAAGGCTAACCGGCTGGAGAAGGCGGTGGCGGCGGCTACACCTTCTCC
 AGAGGAACCCGAAGCAGAGCTGACCGCAAGTATCTCAACTACTATCAGGGGATGCTGG
 ACGTCGCCGACGAGTCCCTCACGGACCTAGAGGCCAGCCCTACGAGGCCGTGTTCTCC
 GGGCTGTGAAGCTCTAACACAGCGGGGATTTCCGACGACGACGAGGACATGGAGCGGG
 CCTTGTGAGAGTACCTGGCAGTCTTTGCCCGGTGCTGGCCGGCTGTGAAGGGGCCATG
 AGCAGGTGGACTTCAAGGACTTCTACCGGCCATAGCAGATCTTTGCAGAGTCCCTGC
 AGTGCAAGGTGGACTGTGAGGCCAATTTGACCCCAATGTGGGTGGCTACTTCGTGGACA
 AGTTCGTGGCCACCATGTACCACTACCTGCAGTTTGCCTACTATAAGTTGAATGATGTGC
 GCCAGGCTGCCCGCAGCGCCGCCAGCTACATGCTTTCGACCCCAAGGACAGCGTCATGC
 AGCAGAACCTGGTGTATTACCGTTCCACCGGGCTCGTGGGGCTGGAAGAGGAGGACT
 TCCAGCCCCGGGAGGAGGCCATGCTCTACCACAACGAGCCGCGAGCTGCGGGAGCTGC
 TGGAGTTCACCCACATGTACCTGCAGTCAGATGATGAGATGGAGCTGGAGGAGACAGAAC
 CGCCCCGAGGCTGAGGATGCCCTATCTGACGCCGAGTTTGAAGGGGAGGGTGAACG
 AGGAGGGCATGTATGCTGACTGGTGGCAGGAGCCGATGCCAAGGGTGAAGAGGCCGAGG
 CTGAGCCAGAGCCTGAATCGCATGAGAAGGGGACACCCACACCCCTCAAGCTTGGGAA
 GCCTGGTGCCGATGGCCCCACCCTACCAAGCCTGGGCAGCAGCAAGAATATTTATTAA
 AACTTAAGATGGGCCAGGTGCGGTGGCTCACACCTGTAATCCCAGCATTTTGGGAGGCCA
 AGGTGGGTGGATCACTTGAAGGCCAGGAGTTCAAGACCAGCCTGGCCAACATGATGAGACC
 TCCGTCTCTACTAAAATACATAAATTAGCCGGGTGGTGGCAGGCGCCTGAAATCCCAG
 CTACTCAAGAGGCTGAGGCAGGAGAATCGCTTGAACCTGGGAGGCAAAGGTTGCAGTGAA
 CTGAGATTGCGCCACCGCACTCCAGCCTGGGCGACAGAGCGAGACTCCATCTTTAAAAA
 AAACAAGACGGCCGGCACGGTGGCTCACGCCTGTAATCCAGCACTGAGAGGCCGATCA
 CTTGAGGTGAGGAGTTCAAGACCAGCCTGGCCAACATGGTGAAACCCCATCTCTACTAAA
 AAATACAAAAATTAGCCAGGCATGGTGGCACACCTGTAATCGTAGCTGAGGCAGGAGA
 ATCGCCTGAACCCAGGAGGCGGAGCTTGCAGTGAGCCGAGATCGTGCCACTGCACTCCAG
 CCTGGGCGACAGAGTGAGACTCCATCTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_006455

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_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]