

Product datasheet for **SC321594**

NUPL1 (NUP58) (NM_014089) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUPL1 (NUP58) (NM_014089) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUPL1
Synonyms:	NUP45; NUPL1; PRO2463
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_014089.3
 GTTCCCGCCAGGTCCGTGCCGGGCGAGAGAGATGCTGCCCGGCCCGCCTCGGCTTTGAGG
 CGAGAGAAAGTGTCCCAGACCCATTTGCGCTTGCTGACGGCGTCGAGCCCTGGCCAGACAT
 GTCCACAGGGTTCTCCTTCGGGTCCGGGACTCTGGGCTCCACCACCGTGGCCGCCGGCGG
 GACCAGCACAGGCGGCGTTTTCTCTTCGGAACGGGAGCGTCTAGCAACCCTTCTGTGGG
 GCTCAATTTTGGAAATCTTGAAGTACTTCAACTCCAGCAACTACATCTGCTCCTTCAAG
 TGGTTTTTGAACCGGGCTCTTTGGATCTAAACCTGCCACTGGGTTCACTCTAGGAGGAAC
 AAATACAGGAATAGCAACAATAAATACTACAGGATTAACCTCTGGGAACGCCAGCCACTAC
 ATCTGCAGCTACAACAGGCTTCAGTTTAGGATTCAATAAACCTGCAGCATCTGCCACACC
 ATTTGCTCTACCTATTACCTCTACCTCAGCTAGCGGTCTGACTCTTTCGTCTGCTCTGAC
 ATCAACTCCAGCAGCATCCACAGGATTTACTCTAAATAATTTGGGTGGGACAACAGCCAC
 AACTACAATGTCATCAACAGGCTCTCTTTAGGGGGAGCCTTAGCTGGTTTGGGAGGTTT
 ACTTTTCCAGAGTACAAACACAGGAACATCAGGACTTGGACAGAATGCTTTAGGGTTGAC
 TTTGGGAATACAGCAGCTACTTCAACTGCAGGCAATGAAGGCCCTTGGTGGTATAGATTT
 CAGTAGCTCCTCAGATAAAAAGAGTGATAAAACGGGAACAAGACCAGAGGATAGTAAAGC
 TCTGAAGGATGAAATCTACCTCCTGTCATCTGCCAGGATGTTGAAAATCTCCAGAAATT
 TGTGAAGGAGCAGAAACAAGTTCAAGAAGAAATTAGTAGAATGTCTTCAAAGCAATGCT
 TAAGGTACAAGAAGATATTAAAGCTCTGAAGCAGCTCCTGTCGTTGGCTGCCAATGGAAT
 ACAGAGAAACACTCTCAACATTGACAAATTGAAAATAGAACTGCTCAGGAGTTGAAGAA
 TGCTGAAATAGCTTTAAGAACCAGAGACACCACCTGGACTTCAACATGAATATGCAGC
 TCCTGCTGACTACTTCAGAATCTTGGTTCAGCAATTTGAGGTACAGCTTCAGCAGTACAG
 GCAGCAGATTGAAGAACTAGAAAACCATCTTGGCACTCAAGCAAATAATTCACATATAAC
 CCCTCAAGATTTGTCAATGGCTATGCAGAAAATTTATCAACATTTGTAGCTTTAGCGGC
 ACAACTTCAGTCTATTTCATGAAAATGTAAGGTTCTGAAAGAACAGTACCTTGGCTACAG
 GAAAATGTTCTTGGGAGATGCTGTTGATGTGTTTGAACAAAGGCGAGCAGAAGCCAAGAA
 GTGGCAGAACACACCCAGAGTTACTACTGGACCCACTCCTTTCAGCACCATGCCAAACGC
 AGCAGCCGTTGCCATGGCTGCAACACTTACACAGCAGCAACAGCCTGCTACAGGGCCACA
 GCCATCTCTGGGAGTTAGTTTTGGAACGCCATTCGGCTCAGGTATTGGCACTGGCTTGCA
 ATCAAGTGGCTTAGGTTCTTCAACCTTGGAGGATTTGGAAGTACTCTGGTTTTGGATG
 CAGCACCACAGGGGCTCCACATTTGGATTTGGAACAACAAATAAACCTCAGGAAGTCT
 TAGTGCAGGCTTTGGCAGCTCAAGTACATCTGGGTTTAACTTCAGCAATCCTGGCATCAC
 GGCATCAGCTGGTTTGACTTTTGGGGTGTCCAATCCTGCCTCTGCAGTTTTGGAACAGG
 AGGACAACCTCCTCAGTTGAAGAAACCTCCAGCTGGAAACAAAAGAGGAAAAAGATAAAC
 ATGGGTTGATGTGTTGAGAGAATCCATAGCAGCACCGTTCACTTCTATGAGTCTATTTTTTC
 TAATGATGCAGTAATTAAATTGCATCCCAGGAGATTTATAAAGTTTTGATATTTTTCCCT
 ACTCTGGAATTTGAACCTTTCTTCATGTTTGCCATACTGAACATCTTTTTCTTGTGGAAT
 TTAAAGTCCAGCTGTGTTTTCTTTTAAATTTGATTCTCAGTGAAGAAATGTTCTGATTA
 CATCACTGATTGGTAATGGTTAGAAACCATTAACCTAAACCTTACTATTTAACCTAGTGT
 TTTTGTGATGAGGTTTACATTATGTGAATACATGCACATTTGTTTCTTATACAGGTGGT
 GTGAACCTAGGGCCTATACTAGAATCAATTTGTTCTTGTAAAGGCCTTTTGAATTAT
 ACTGCAGGGCATCTTGTGAATATGTATGTAATATATACAGAATAATACACAGTTGTG
 TGTGCATATAAAATACATATTTACGCCAGGCGTGGTGGCTCACGCCTGTAATCCCAGCAC
 TTTGGGAGGCCGAGGAGGCGGATCACCTGAGGTGAGGAGTTTGGAGCAGCCTGACATG
 GTGAAACCCCATCTCTACGAAAAATACAAAAATTAGCTGGGCATAGTGGCGGGTACCTAT
 AATCCCAGCTACTCGGGAGGCTGAGGCACGAGAATCACTTGAAGCCGGGAGGTGGGGTT
 GCAGTGAGCCGAGATCACACCACTGCACTCCAGCCTGGGCAACAAGAGCAAACTCCGTC
 TCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_014089

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:	<u>NM_014089.3</u> , <u>NP_054808.1</u>
RefSeq Size:	4335 bp
RefSeq ORF:	1800 bp
Locus ID:	9818
UniProt ID:	<u>Q9BVL2</u>
Cytogenetics:	13q12.13
Gene Summary:	This gene encodes a member of the nucleoporin family that shares 87% sequence identity with rat nucleoporin p58. The protein is localized to the nuclear rim and is a component of the nuclear pore complex (NPC). All molecules entering or leaving the nucleus either diffuse through or are actively transported by the NPC. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).