

Product datasheet for **SC313134**

RILPL1 (AK096697) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RILPL1 (AK096697) Human Untagged Clone
Tag:	Tag Free
Symbol:	RILPL1
Synonyms:	GOSPEL; RLP1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	<p>>NCBI ORF sequence for AK096697, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGACGTGTACGACATCGCGTCGCTTGTGGGCCACGAGTTCGAGCGGGTCATTGACCAG CACGGCTGCGAGGCCATCGCGCGCCTCATGCCAAGGTCGTGCGCGTCCTGGAGATCCTG GAGGTGCTGGTCAGCCGCCACCACGTGCGCGCCGAGCTGGACGAGCTGCGCCTGGAGCTG GACCGCTGCGCCTGGAGAGGATGGACCGCATCGAGAAGGAGCGCAAGCACCAGAAGGAG CTGGAGCTGGTGGAGGATGTGTGGCGAGGGGAGGCGCAGGACCTCCTCTCCAGATCGCC CAGCTGCAGGAGGAGAACAAGCAGCTCATGACCAACCTCTCCACAAGGATGTCAACTTC TCAGAGGAGGAGTTCAGAAGCATGAAGGCATGTCAGAGCGGGAGCGACAGGTGATGAAG AAGCTGAAGGAGGTGGTGACAAACAACGCGACGAGATCCGCGCCAAGGACAGGGAGCTG GGCCTGAAAAATGAGGACGTTGAGGCTTTACAGCAGCAGCAGACACGGCTGATGAAGATC AACCATGACCTTCGCGACCGGGTCACGGTGGTGGAGGCCAGGGGAAAGCCCTGATCGAA CAGAAGGTGGAGCTGGAGGCAGACCTGCAGACCAAGGAGCAGGAGATGGGCAGCTGCGA GCAGAGCTGGGGAAGTTGCGAGAGAGGCTGCAGGGGAGCACAGCCAGAATGGGGAGGAG GAGCCTGAGACGGAGCCGGTGGGAGAGGAGAGCATCTCCGACGCAGAGAAGGTGGCCATG GATCTCAAGGACCCCAACCGCCCCGGTTCACCCTGCAGGAGCTGCGGGACGTGCTGCAC GAGAGGAACGAGCTCAAGTCCAAGGTGTTCTTGCTGCAGGAGGAGCTGGCTTACTATAAG AGTGAAGAAATGGAAGAGGAAAAACCGAATACCCCAACCCCAACCATCGCCCAACCGAGG ACGTCCCCCAGCCGGAGTCGGGCATCAAGCGACTGATCTTTACAGCCATAATGCCTATG GTAGCAGCGGGACTGATAATAGATGACCCACACTGCAGCCTGTCCGACGACTTGTTC CTTGTT </pre>
Restriction Sites:	Please inquire
ACCN:	AK096697
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:	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:	<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:	AK096697.1 , BAC04845.1
RefSeq Size:	2100 bp
RefSeq ORF:	2100 bp
Locus ID:	353116
Cytogenetics:	12q24.31
Gene Summary:	Plays a role in the regulation of cell shape and polarity. Plays a role in cellular protein transport, including protein transport away from primary cilia. Neuroprotective protein, which acts by sequestering GAPDH in the cytosol and prevent the apoptotic function of GAPDH in the nucleus. Competes with SIAH1 for binding GAPDH (By similarity). Does not regulate lysosomal morphology and distribution.[UniProtKB/Swiss-Prot Function]