

Product datasheet for **SC306366**

PPIL5 (LRR1) (NM_152329) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPIL5 (LRR1) (NM_152329) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPIL5
Synonyms:	4-1BBLRR; LRR-1; PPIL5
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152329, the custom clone sequence may differ by one or more nucleotides <pre> ATGAAGCTACACTGTGAGGTGGAGGTGATCAGCCGGCACTTGCCCGCCTTGGGGCTTAGG AACCGGGGCAAGGGCGTCCGAGCCGTGTTGAGCCTCTGTCAGCAGACTTCCAGGAGTCAG CCGCCGGTCCGAGCCTTCTGCTCATCTCCACCCTGAAGGACAAGCGGGGACCCGCTAT GAGCTAAGGGAGAACATTGAGCAATTCTTCACCAAATTTGTAGATGAGGGGAAAGCCACT GTTGCGTTAAAGGAGCCTCCTGTGGATATCTGTCTAAGTAAGGCCATTTCCAGCAGTTTA AAAGGTTTCCTTTCAGCTATGAGACTGGCTCATAGAGGCTGTAATGTTGATACACCAGTT TCAACGCTCACACCAGTGAAGACTTCAGAATTTGAAAACTTTAAACTAAAATGTTATC ACATCCAAAAAAGACTATCCTCTAAGTAAGAATTTCCATATTCTTGAACATCTTCAG ACTTCTTACTGTGGGCTTGTCGAGTTGATATGCGTATGCTTTGCTTAAAAAGCCTTAGG AAATTAGACTTGAGTCACAACCATATAAAAAAGCTTCCAGCTACAATTGGAGACCTCATA CACCTTCAAGAACTTAACCTGAATGACAATCACTTGGAGTCATTTAGTGTAGCCTTGTGT CATTCTACACTCCAGAAGTCACTTCGGAGTTTGGACCTCAGCAAGAACAATAAAGGCA CTCCCTGTGCAGTTTTGCCAGCTCCAGGAACCTAAGAATTTAAACTTGACGATAATGAA TTGATTCAATTTCTTGAAGATAGGACAATAAAGCTTCCGCTTTTGTGTCAGCAGCT CGAAATAAGCTTCCATTTTGCCTAGTGAATTTAGAAATTTATCCCTTGAATACTTGGAT CTTTTTGGAATACTTTTGAACAACCAAAAGTCCTTCCAGTAATAAAGCTGCAAGCACCA TTAACTTTATTGGAATCTTCTGCACGAACCATATTACATAATAGGATTCCATATGGCTCT CATATCATTCCATTCCATCTCTGCCAAGATTTGGATACCGCAAAAATTTGTGTTGTGGA AGATTCTGTCTGAACCTTTTCATTCAAGGAACCTACTACCATGAATCTGCATTCTGTTGCC CACACTGTGGTCTTAGTAGATAATTTGGGTGGTACTGAAGCACCTATTATCTCTTATTTT TGTTCTCTAGGCTGTTATGTTAATTCCTCTGATATGTTAAAGTAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_152329
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:	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_152329.3 , NP_689542.2
RefSeq Size:	1760 bp
RefSeq ORF:	1245 bp
Locus ID:	122769
UniProt ID:	Q96L50
Cytogenetics:	14q21.3
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene contains a leucine-rich repeat (LRR). It specifically interacts with TNFRSF9/4-1BB, a member of the tumor necrosis factor receptor (TNFR) superfamily. Overexpression of this gene suppresses the activation of NF-kappa B induced by TNFRSF9 or TNF receptor-associated factor 2 (TRAF2), which suggests that this protein is a negative regulator of TNFRSF9-mediated signaling cascades. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Feb 2011] Transcript Variant: This variant (1) encodes the longest isoform (1). Isoform 1 has also been named LRR-1a.