

## Product datasheet for **SC122462**

### PPIL5 (LRR1) (BC030142) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPIL5 (LRR1) (BC030142) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPIL5
Synonyms:	4-1BB-mediated signaling molecule; 4-1BBLRR; cyclophilin-like 5; LRR-1; LRR-repeat protein 1; MGC20689; peptidylprolyl isomerase (cyclophilin)-like 5; peptidylprolyl isomerase (cyclophilin)-like 5, isoform 3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC030142 edited GGCACGAGGCCGGCGCGAGCCCGGATCCAGGTGGTCAGTCCCGGTACGCAACCACGGCG AGAACCCGGCCCTGCTAAGGGAGAAGGGAAGCCGTTTCCCGGGCTTCATACAGACACG GTGCTAAGACAGCCCGAGTCGCGGACCAGTCCAACAGGCAGGCAGATCAGTGGGCAGCCC GCGTGCGCGAGGACCCCGATGGCGGGCGCCGGGTGGCGGGAAGGAGGAAGTTTCAAAGCCA GCTTGACCTGGTTGTGGCCGTTGGGCGAGATGAAGCTACACTGTGAGGTGGAGGTGATCA GCCGGCACTTGCCCGCCTTGGGGCTTAGGAACCGGGCAAGGGCGTCCGAGCCGTGTTGA GCCTCTGTCAGCAGACTTCCAGGAGTCAGCCCGCGGTCCGAGCCTTCCTGCTCATCTCCA CCCTGAAGGACAAGCGCGGACCCGCTATGAGCTAAGGGAGAACATTGAGCAATTCTTCA CCAAATTTGTAGATGAGGGGAAAGCCACTGTTCCGGTTAAAGGAGCCTCCTGTGGATATCT GTCTAAGTAAGGATTCCATATGGCTCTCATATCATTCCATTCCATCTCTGCCAAGATTTG GATACCGCAAAAATTTGTGTTTGTGGAAGATTCTGTCTGAACTCTTTCATTCAAGGAACT ACTACCATGAATCTGCATTCTGTGCCACACTGTGGTCTTAGTAGATAATTTGGGTGGT ACTGAAGCACCTATTATCTTTATTTCTGTTCTCTAGGCTGTTATGTTAATTCCTCTGAT ATGTTAAAGTAATGGGTGAGACCAGAAAAGAAATTTCAATAACAGATCAGTTTGGGGTG CATGTATGATTTTGCAGCGTCAAATTGGAGTAAGGGAAGATTTCTGTATACTTGCTGGAG AGGAGGAATGTGTATAGTTACTATTTAGATGACTCCAAAACCTTTTATTAACCAATTT TAGTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC030142 unedited TTTTNNATGTCTATTGTATCGATCCTTAGGCGCCGCGATTTCGCCGGCCGGCGCGGCC GGTCCAGTGGTCAGTCCCAGTACGCAACCACGGCGAGAACCCGGCCCTGCTAAGGGAGAA GGGAAGCCGTTTCCCAGGGCTTCATACAGACACGGTGTCTAAGACAGCCCGAGTCGCGGA CCAGTCCAACAGGCAGGCAGATCAGTGGCAGCCCGCGTGCAGAGGACCCCGATGGCGG CGCCGGTGGCGGAAGGAGGAAGTTTCAAAGCCAGCTTGACCTGGTTGTGGCCGTTGGG CGAGATGAAGCTACACTGTGAGGTGGAGGTGATCAGCCGGCACTTGCCCGCCTTGGGGCT TAGGAACCGGGCAAGGGCGTCCGAGCCGTGTTGAGCCTCTGTCAGCAGACTTCCAGGAG TCAGCCGCGGTCCGAGCCTTCTGCTCATCTCCACCCTGAAGGACAAGCGGGGACCCG CTATGAGCTAAGGGAGAACATTGAGCAATTCTTACCAAATTTGTAGATGAGGGGAAAGC CACTGTTCCGTTAAAGGAGCCTCTGTGGATATCTGTCTAAGTAAGGATTCCATATGGCT CTCATATCATTCCATCTCTGCCAAGATTTGGATACCGCAAAAATTTGTGTTTGTG GAAGATTCTGTCTGAACCTTTTCATTCAAGGAAGTACTACCATGAATCTGCATTCTGTTG CCCACACTGTGGTCTTAGTAGATAATTTGGGTGGTACTGAAGCACCTATTATCTCTTATT TCTGTTCTTAGGCTGTTATGTTAATTCCTCTGATATGTTAAAGTAATGGGGTGAGACCA GG
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC030142
<b>Insert Size:</b>	999 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC030142.1</a> , <a href="#">AAH30142.1</a>
<b>RefSeq Size:</b>	999 bp
<b>Locus ID:</b>	122769
<b>Cytogenetics:</b>	14q21.3
<b>Protein Families:</b>	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]