

Product datasheet for **SC115249**

PRICKLE4 (NM_013397) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRICKLE4 (NM_013397) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRICKLE4
Synonyms:	C6orf49; OBTP; OEBT; TOMM6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_013397, the custom clone sequence may differ by one or more nucleotides

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ATGTCAGTGCAGAACTCTGGCTGGCCCCACCAAGAAGACAGCCCCAAGCCCCAGGATCCAGGTCCACCAG
CCAACCTCAGACAGTGACTCAGGCCACCTGCCGGGGAGGACCCTGAGGATACCCATGCTCAGGGTCTCG
AGTTCTGAGCTTGGGTTCCCTTTGCCTGGACACCAACCAAGCCCCAACTGGACTGGACTTCAGACCCTC
CTGCAGCAACTCCCTCCGACAGGACATTGATGAGCGCTACTGCCTGGCCCTTGGGGAGGAGGAGCGGGCCG
AGCTGCAGCTCTTCTGTGCCAGGCGGAAGCAGGAAGCCCTGGGACAGGGGTAGCCCGCCTGGTACTTCC
CAAGCTTGAAGGACACACCTGTGAGAAGTGTAGGGAGCTGCTGAAGCCAGGGGAGTACGGAGTGTTTGA
GCCCGGGCAGGGGAACAGCGCTGCTGGCACCAGCCTTGTCTTGCCTGCCAGGCCTGTGGCCAGGCCCTGA
TAAACCTCATCTACTTCTACCATGATGGACAACCTACTGCGGCCGTATCATGCAGAGTTGCTGCGCCC
GCGCTGCCCGGCTGTGACCAGCTGATCTTCTCCTGGCGCTGCACCGAGGCGGAGGGACAGCGCTGGCAT
GAGAACCCTTCTGTTGCCAGGACTGCGCCGGGCTCTGGGCGGGGGACGTTATGCCCTGCCTGGGGGAA
GCCCTGCTGCCCCAGCTGCTTCGAGAACCCTACTCGGATGCAGGCTCGAGCTGGGCGGGGCACTGGA
AGGGCAGGCATTCCTTGGGGAGACTGGACTCGACCGAAGTGAAGGAAGGGACCAACCTCGTGAACTCT
GCAACCCTCTCCGAACACTCCTCGTGTGCTGCCGGCGTTCCAGCCTGCAAACTCAGAGGGGGCTGCCTG
GATCCAGTCCCCAGCAGGAGAACCAGCTGGGGACAAAGCGGAGGCACCCAAAGGGCAGGAGCAATGCC
CCTGGAGACTATTCGTGATCCCAAGGACACCCCTTCTCCACCTGCTCCTCCTCTGACTCGGAACCT
GAAGGATTTTCTTAGGCGAGCGCTTCCCAAGTCTGGAAGACCCCGGAAGCCTCCAAGCAGAGGACA
GCAACGCCTCTAAGACGCACTGCACCATGTGCTAG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_013397 unedited</p> <pre> NTTTGTTAAATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGGCGAAGC TTTCCACTATGGCTTCCACACTGTCCCGGTGAGCGCTGCTGGCTCGGCTAATGAACTCC CGAAATACCGGACAACGTGGGAGATTGGCTTCGGGGCGTCTACCCTTTGCCACTGATAG GAATGACTTCCGGAGGAACCTTGATACTAAATTTGGGACTCTTTGCTGCGGGAGTTGGCT GGCCAGGAACCTGAGTGACATTGACCTCATGGCACCTCAGCCAGGGGTGTAGCCAAGTAG TTCTAATGCCACCTGTCGTCTTATCATCTGATTGCAGACAAATGGAATCCTGTGCTGAAC CGAATCTTCCAAAAACAGCCTACAATCTGTGACCACCAAGATGTGCCCTGATGGCA GCTGAAGTTTGATTGAGATGGGCACTTTTCTCCCTTCCTGCCTAGTTTCTTTTGT CCTTGAGTCCACGCAGAATTCATTCTCTGGTCAGCAGACAGGCTTAAGCTAAAGTATTG CCTCTATTCTGTAAGTTCTGTACATAGTTCCCAAGCTTCTGCAGGGGTGATTTTGTCT CTTGCTCCTGAGAAATAACAGTGTGTTTTAAAAACATTTGAAATAAATACCGCACACCA AGGCAAAAAAAAAAAAAAAAAAACCCTCTAGATTGCGGCCGCGCCATAACTGTTTCC TGAACGATCCCGGTGGCATCCCTGTGACCCTCCAGTGCCTCCTGGCCCTGGAAGT TGCCACTCCAGGCTCCAGCCTTGCTTAATAAAATCAAGTGGATCATTTTGTGTTGAC TAGGGGCCCTTCTAATATTATGCGGTGCGAGCGGGTGGGACTGACCAAGGGCAAGTCG GG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_013397 unedited</p> <pre> GAGTCGAGTTTTTTTTTTTTTTTTTGCCTTTGTGTGCGGTATTTATTTCAAATGTTTT TAAACAGCACTGTTATTTCTCAGGACAAGAGCAAAAATCACCCCTGCAGAAGCTTGGG AACTATGTACAGAACTTTACAGAATAGAGGCAATACTTTAGCTTAAGCCTGTCTGCTGAC CAGAGAATGGAATTCTGCGTGGACTCAAGGAACAAAAGGAACTAGGCAGGGAAGGGGAA GAAAAGTGCCCATCTGAATCAAACCTCAGCTGCCATCAGGGCACATCTTGTGGTGGTAC AGATTGTAGGCTGTTTTTGAAGATTCGGGTTACGACAGGATTCCATTTGTCTGCAAT CAGATGATAAGACGACAGGTGGCATTAGAACTACTTGGCTACACCCTGGCTGAGGTGCC ATGAGGTCAATGTCACTCAAGTTCCTGGCCAGCCAAACTCCCGCAGCANAGATCCCAA TTAGTATCAAGTTCCTCCGGAAGTCACTTCTATCAGTGGCAAAGCGGTAGACGCCCCGA GCCAATCTCCACGTTGCTCCGTATTTCCGGNAGTTTATTAGCCGAGCCAGCAGCGCTCA CCGGACAGTGTGGAAGCATAGTGGAAAGCTCGCCCTCGTGCCGAATCGCGGCCGGCCTA TATGAGTCGTATACAAAATCTGACGGTCACTAACAGCTCTGCTTTATAGACCTCCACG TACACGCTACCCCTTTGCGTAAACGGGCGGGGTATACAACATTTGGGAAGCCCGTG ATTTTGGGCAAAAACAACTTCTATGACGTGATGGGGGGAGACTTGAATCCCGGGGAG TAAACGCTTTCCCCCATGGGTGCTGCGCAACCCTTCCCGGGGAATGCGCAGCCT AACCTAAATGGCTCGCACAGGAAATCCCGTAGGGATTCTGGGCAATGCCACCCGGCC TTACCGCCATGAGCAAAGGGGCGCCTGGATATAACACCTGTGCTGCCAGGCGCTTC CCGAAACTCCCCTCTG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_013397
Insert Size:	690 bp
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).
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_013397.2](#), [NP_037529.1](#)

RefSeq Size: 1646 bp

RefSeq ORF: 225 bp

Locus ID: 29964

UniProt ID: [Q2TBC4](#)

Cytogenetics: 6p21.1

Gene Summary: C6ORF49 is a member of the LIM domain protein family (Teufel et al., 2005 [PubMed 15702247]).[supplied by OMIM, Mar 2008]