

## Product datasheet for SC317615

### 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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317615 representing NM_013397. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCAGTGCAGAACTCTGGCTGGCCCCACCAAGAAGACAGCCCCAAGCCCCAGGATCCAGGTCCACCA
GCCAACTCAGACAGTGAAGTCTGAGGACCTGCCGGGGAGGACCCTGAGGATACCCATGCTCAGGGTCCCT
GCAGTTCTGAGCTTGGGTTCCCTTTGCCTGGACACCAACCAAGCCCCAACTGGACTGGACTTCAGACC
CTCCTGCAGCAACTCCCTCCGAGGACATTGATGAGCGCTACTGCCTGGCCCTTGGGGAGGAGGAGCGG
GCCGAGCTGCAGCTCTTCTGTGCCAGGCGGAAGCAGGAAGCCCTGGGACAGGGGGTAGCCCGCTGGTA
CTTCCCAAGCTTGAAGGACACACCTGTGAGAAGTGTAGGGAGCTGCTGAAGCCAGGGGAGTACGGAGTG
TTTGCAGCCCGGGCAGGGGAACAGCGCTGCTGGCACCAGCCTTGCTTTGCCTGCCAGGCCTGTGGCCAG
GCCCTGATAAACCTCATCTACTTCTACCATGATGGACAACCTCTACTGCGCCGTCATCATGCAGAGTTG
CTGCGCCCCGCGTGCCTGGCTTGTGACCAGCTGATCTTCTCCTGGCGCTGCACCGAGGCGGAGGGACAG
CGCTGGCATGAGAACCCTTCTGTTGCCAGGACTGCGCCGGCCCTCTGGGCGGGGACGTTATGCCCTG
CCTGGGGGAAGCCCTGCTGCCAGCTGCTTCGAGAACCCTACTCGGATGCAGGCTCGAGCTGGGCC
GGGCACTGGAAGGCGAGCATTCTTGGGGAGACTGGACTCGACCGAACTGAAGGAAGGGACCAAAACC
TCGGTGAACCTGCAACCCTCTCCGAACACTCCTCGCTGCTGCCGGCGGTTCCAGCCTGCAAACCTCAG
AGGGGGCTGCCTGGATCCAGTCCCAGCAGGAGAACCAGCTGGGGACAAAGCGGAGGCACCCAAAGGG
CAGGAGCAATGCCGCTGGAGACTATTCGTGATCCCAAGGACACCCTTTCTCCACTGCTCCTCCTCC
TCTGACTCGGAACCTGAAGGATTTTTCTTAGGCGAGCGCCTTCCCAGTCTGGAAGACCCCGGAAGC
CTCAAGCAGAGGACAGCAACGCCTCTAAGACGCACTGCACCATGTGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_013397
<b>Insert Size:</b>	1155 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>OTI Annotation:</b>	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.
<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>	<u><a href="#">NM_013397.5</a></u>
<b>RefSeq Size:</b>	1646 bp
<b>RefSeq ORF:</b>	1155 bp
<b>Locus ID:</b>	29964
<b>UniProt ID:</b>	<u><a href="#">Q2TBC4</a></u>
<b>Cytogenetics:</b>	6p21.1
<b>MW:</b>	41.8 kDa
<b>Gene Summary:</b>	C6ORF49 is a member of the LIM domain protein family (Teufel et al., 2005 [PubMed 15702247]).[supplied by OMIM, Mar 2008]