

Product datasheet for **SC116277**

PRICKLE3 (NM_006150) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRICKLE3 (NM_006150) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRICKLE3
Synonyms:	LMO6; LOAM; Pk3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC116277 sequence for NM_006150 edited (data generated by NextGen Sequencing)

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ATGTTTCGCGCGTGGGTCCCGGAGGCGCCGCTCCGGGCGTGCGCCTCCAGAGGCAGAGGAC
CCAGACCGGGGCCAGCCCTGCAACTCCTGTAGGGAGCAGTGCCCTGGCTTCCTGCTCCAC
GGCTGGAGAAAGATCTGCCAGCATTGCAAATGCCCGGGGAGGAGCATGCAGTGACGCG
GTGCTGTGGACCTGGAACGCATCATGTGTCGGCTAATCTCGGACTTCCAGCGCCACTCC
ATCTCCGACGACGACTCAGGCTGTGCATCGGAGGAGTATGCCTGGGTGCCCCAGGCCCTT
AAGCCGGAGCAGGTATATCAATTTTTCAGCTGCCCTCCAGAGGACAAGGTCCCTACGTC
AACAGTCTGGGAGAAAATACAGGATCAAGCAGCTGCTGCACCAGCTGCCCCACACGAC
AGTGAGGCACAGTACTGCACAGCACTGGAAGAGGAGGAAAAGAAAGAGCTCCGAGCCTTT
AGCCAGCAGCGGAAGCGGGAGAATCTGGGGCGTGGCATCGTGCGCATCTTCCCGTGACC
ATCACTGGGGCCATCTGTGAGGAGTGCGGAAAGCAGATTGGAGGTGGGGACATCGCAGTG
TTTGCCAGCCGTGCAGGCCTGGGTGCTGCTGGCACCCACAGTGCTTCGTGTGTACCACG
TGCCAGGAACTGCTGGTTGACCTCATCTACTTCTACCATGTTGGCAAGGTCTACTGCGGG
CGTCACCATGCCGAATGCCTGCGTCCACGCTGCCAAGCCTGTGACGAGATCATCTTCTCC
CCTGAGTGCACGAGGCTGAGGGCCGCCACTGGCACATGGATCACTTCTGCTGCTTTGAG
TGTGAAGCTTCACTAGGAGGGCAGCGCTATGTCATGCGTCAGAGCCGCCCCCACTGCTGC
GCCTGCTACGAGGCCCGCCACGCGGAGTACTGTGATGGCTGTGGGGAGCACATCGGCCTG
GACCAAGGCCAGATGGCTTACGAGGGCCAGCACTGGCATGCCTCAGACCGCTGCTTCTGC
TGTAAGTCGCTGTGGGCGGGCCCTGCTGGGCCGCCATTCTGCCACGCCGAGGCCAATC
TTCTGCTCTCGAGCCTGCAGCCTTGGGTCCGAGCCACAGCTCCAGGGCCGAGCCGCCG
AGCTGGAGTGCCGGCCCTGTACAGCCCCACTTGACGCTCCACAGCCTCTTTCTCTGCT
GTGAAGGGGGCATCAGAGACCACCAAGGCACAGCACAGAGTTAGCGCCAGCTACA
GGCCCTGAGGAGCCCTCCGCTTTCTGAGAGGGGCTCCCAACGCCCACTCCATGCCGGA
CTGGGGCTCCGCAGTGTCCCGAGCCGCCCCAGAGTCCCGCGCCAGCCTAACCTGCGC
CCAGATGATAGTGCCTTCGGTCTGTGAGCAGCCACGCGTCAGCTTCCGCGACCTCTG
GTGTCTGAAGGAGGCCCGCGCCGACCTGAGTGACCCCGGCCAGCGCCGAGGCCA
CGCAGTCCCCACCCAGGGCCCCAGCCGTGCGCGCCACCATCATATAATCACCATCAC
CATCACAACCGCCACCAAGCAGACGTCGCCACTATCAATGTGACGCGGGATCAGGGTCA
GACTCGGAATCTTGCTCCAGCTCGCCCTCCAGTTCAGTTCGGAATCATCAGAGGATGAT
GGCTTCTTCTAGGAGAGCGCATCCCTCTGCCCCGCATTGTGACAGGCCATGCCTGCT
CAGGACACTGCAATGGAGACCTTCAACTCCCCATCTTTATCGCTCCCAGGGACTCTCG
GCAGGGATGCCTCGTCAGGCCCGAGACAAGAACTGCATCGTGGCTTGA

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Clone variation with respect to NM_006150.3

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006150 unedited <pre> TTCAACAATTTGTAATACGAACTCACTATAGGGCGGCCGGAATTCGCACGAGGTTCCCA GGCCGGACGCGCGGTGGCTGACGGTCGCAAGGATTACATTGCGCTGACCCGGCCCGGCT TGACCTGCGCCGGGCGCGCCATGTTGCGCGTGGGTCCCGGAGGCGCGCTCCGGGCGTG CGCTCCAGAGGCAGAGGACCCAGACCGGGGCCAGCCCTGCAACTCCTGTAGGGAGCAGT GCCCTGGCTTCTGCTCCACGGCTGGAGAAAGATTCTGCCAGCATTGCAAATGCCGCGG GAGGAGCATGCAGTGCACGCGGTGCCTGTGGACCTGGAACGCATCATGTGTCGGCTAATC TCGGACTTCCAGCGCCACTCCATCTCCGACGACGACTCAGGCTGTGCATCGGAGGAGTAT GCCTGGGTGCCCCCAGGCCTTAAGCCGGAGCAGGTATATCAATTTTCAGCTGCCTCCCA GAGGACAAGGTCCCTACGTCAACAGTCCTGGGGAGAAATACAGGATCAAGCAGTGCTG CACCAGCTGCCCCACACGACAGTGAGGCACAGTACTGCACAGCACTTGAAGAGGAGGA AAAGAAAGAGCTCCGAGCCTTTAGCCAGCAGCGGAAGCGGGAGAATCTGGGGCGTGGCAT CGTGCGCATCTTCCCGGTGACCATCACTGGGGCCATCTGTGAGGAGTGCGGANAGCAGAT TGGANGTGGGGACATCGCAGTGTGGCCAGCCGTGCANNGCCTGGGTGCCTGCNTGCACC CACAGTGCTTTCTGTGTACCACGTGCCANGAAGTCTGNTTGACCTCATCTACTTCTAC CATGTTNGNNCAGGTCTACTNGCGGCGTACCATGCCCGATGCCTGCGTNCACGCTGGCC AGCCTGTGACGAGATCATCTTCTCCCCTGATGCACNGNAGCTTGAGGCCNGCACTTGCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_006150
Insert Size:	3000 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_006150.3 , NP_006141.2
RefSeq Size:	1990 bp
RefSeq ORF:	1848 bp
Locus ID:	4007
UniProt ID:	O43900
Cytogenetics:	Xp11.23
Domains:	LIM

Gene Summary:

LIM domain only 6 is a three LIM domain-containing protein. The LIM domain is a cysteine-rich sequence motif that binds zinc atoms to form a specific protein-binding interface for protein-protein interactions. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).