

Product datasheet for **SC320564**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006150.3
 GTCGCAAGGATTACATTCGCCTGACCCGGCCCGGCTTGACCTGCCCGGGCGCGCCATGT
 TCGCGCGTGGGTCCCGGAGGCGCGCTCCGGGCGTGCGCTCCAGAGGCAGAGGACCCAG
 ACCGGGGCCAGCCTGCAACTCCTGTAGGGAGCAGTGCCCTGGCTTCTGCTCCACGGCT
 GGAGAAAGATCTGCCAGCATTGCAATGCCCGGGAGGAGCATGCAGTGCACGCGGTGC
 CTGTGGACCTGGAACGCATCATGTGTCGGCTAATCTCGGACTTCCAGCGCCACTCCATCT
 CCGACGACGACTCAGGCTGTGCATCGGAGGAGTATGCCTGGGTGCCCCCAGGCCTTAAGC
 CGGAGCAGGTATATCAATTTTTTCAGCTGCCTCCAGAGGACAAGGTCCCTACGTCAACA
 GTCCTGGGGAGAAATACAGGATCAAGCAGCTGCTGCACAGCTGCCCCCACGACAGTG
 AGGCACAGTACTGCACAGCACTGGAAGAGGAGGAAAAGAAAGAGCTCCGAGCCTTTAGCC
 AGCAGCGGAAGCGGGAGAATCTGGGGCGTGGCATCGTGCGCATCTTCCGGTGACCATCA
 CTGGGGCCATCTGTGAGGAGTGCAGAAAGCAGATTGGAGGTGGGACATCGCAGTGTGTG
 CCAGCCGTGCAGGCTGGGTGCTGCTGGCACCCACAGTGCTTCGTGTGTACCACGTGCC
 AGGAACTGCTGGTTGACCTCATCTACTTCTACCATGTTGGCAAGGTCTACTGCGGGCGTC
 ACCATGCCGAATGCCTGCGTCCACGCTGCCAAGCCTGTGACGAGATCATCTTCTCCCTG
 AGTGACGAGGAGGTGAGGGCCGCACTGGCACATGGATCACTTCTGCTGCTTTGAGTGTG
 AAGCTTCACTAGGAGGGCAGCGCTATGTGATGCGTCAGAGCCGCCCCCACTGCTGCGCT
 GCTACGAGGCCGCCACGCGGAGTACTGTGATGGCTGTGGGGAGCACATCGGCCTGGACC
 AAGGCCAGATGGCTTACGAGGGCCAGCACTGGCATGCCTCAGACCGCTGCTTCTGCTGTA
 GTCGCTGTGGGCGGGCCCTGCTGGGCGGCCCATTCCTGCCACGCCGAGGCCTAATCTTCT
 GCTCTCGAGCCTGCAGCCTTGGGTCCGAGCCACAGCTCCAGGGCCGAGCCGCCGAGCT
 GGAGTGCCGGCCCTGTACAGCCCCACTTGACGCTCCACAGCCTCTTTCTGCTGTGA
 AGGGGGCATCAGAGACCACCAAGGCACAGCACAGAGTTAGCGCCAGCTACAGGCC
 CTGAGGAGCCCTCCCGCTTTCTGAGAGGGGCTCCCAACCGCCACTCCATGCCGGAATGG
 GGCTCCGCAAGTGTCCCGAGCCGCCCCAGAGTCCCGGCCAGCCTAACCTGCGCCAG
 ATGATAGTGCCTTCGGTGTGAGAGCACCCACGCGTCAGCTTCCGCGACCCCTCTGGTGT
 CTGAAGGAGGCCCGCGCCGACCTGAGTGCACCCCGGCCAGCGCCGAGGCCACGCA
 GTCCCCCACCCAGGGCCCCAGCCGTGCGCGCCACCATCATATAATCACCATCACCATC
 ACAACCGCCACCAAGCAGAGCTGCGCACTATCAATGTGACGCGGGATCAGGGTCAGACT
 CGGAATCTTGCTCCAGCTCGCCCTCCAGTTCAGTTCGAATCATCAGAGGATGATGGCT
 TCTTCTAGGAGAGCGCATCCCTCTGCCCCGCATTTGTGAGGCCCATGCCTGCTCAGG
 AACTGCAATGGAGACCTTCAACTCCCCATCTTTATCGCTCCCAAGGACTCTCGCGCAG
 GGATGCCTCGTCAGGCCGAGACAAGAACTGCATCGTGGCTTGAAGGCAGGCCGTCTGG
 AGGGGGTCCATTCTCCAGTCAGAGTAGATGATGAGGCCCATGCCCTCACCCCCACGCC
 CCGCCCTACAACCTAAGTCATAAATCCTTCTCCTCCTTTAAAAAAAAAAAAAAAAA
 AAAAAA

Restriction Sites: Please inquire

ACCN: NM_006150

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).

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:	<u>NM_006150.3, NP_006141.2</u>
RefSeq Size:	1990 bp
RefSeq ORF:	1848 bp
Locus ID:	4007
UniProt ID:	<u>O43900</u>
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).