

## Product datasheet for **SC330153**

### LIM domain only 3 (LMO3) (NM\_001243612) Human Untagged Clone

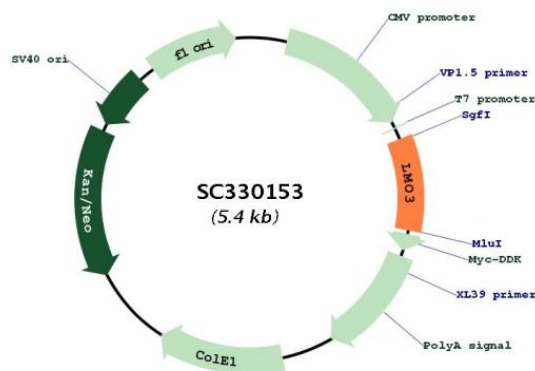
#### Product data:

Product Type:	Expression Plasmids
Product Name:	LIM domain only 3 (LMO3) (NM_001243612) Human Untagged Clone
Tag:	Tag Free
Symbol:	LMO3
Synonyms:	RBTN3; RBTN2; Rhom-3; RHOM3
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330153 representing NM_001243612. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTTGATGGAAGGAGGGAGAGCGGCTGCGGCGGGAACGTCTCAAGTATACAAATGCTCTCAGTCCAG  
CCAGACACCAAGCCGAAAGGTTGTGCTGGCTGCAACCGAAAGTCAAGGACCGGTATCTTCTAAAGGCA  
CTGGACAAATACTGGCATGAAGACTGCCTGAAGTGTGCCTGTGTGACTGTGCTTGGGAGAGGTGGGC  
TCCACCCTGTACTAAAGCTAATCTTATCCTTTGTCGAGAGACTATCTGAGGCTCTTTGGTGAACG  
GGAAACTGCGCTGCTGTAGTAAGCTCATCCCTGCCTTTGAGATGGTGTGCGTCCAAGGACAATGTT  
TACCACCTGGACTGCTTTGCATGTCAGCTTTGTAATCAGAGATTTGTGTTGGAGACAAATTTTCCTA  
AAGAATAACATGATCCTTTGCCAGAGGACTACGAGGAAGGTTTAAATGAAAGAAGTTATGCACCCCGA  
GTTTCGCTGA

Restriction Sites: SgfI-MluI

Plasmid Map:



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<b>ACCN:</b>	NM_001243612
<b>Insert Size:</b>	492 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="#">NM_001243612.1</a>
<b>RefSeq Size:</b>	3516 bp
<b>RefSeq ORF:</b>	492 bp
<b>Locus ID:</b>	55885
<b>UniProt ID:</b>	<a href="#">Q8TAP4</a>
<b>Cytogenetics:</b>	12p12.3
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	18.4 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene belongs to the rhombotin family of cysteine-rich LIM domain oncogenes. This gene is predominantly expressed in the brain. Related family members, LMO1 and LMO2 on chromosome 11, have been reported to be involved in chromosomal translocations in T-cell leukemia. Many alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (6) contains an alternate 5' terminal exon compared to variant 1. This results in translation initiation from an in-frame upstream start codon, and an isoform (3) with a longer N-terminus compared to isoform 1.</p>