

Product datasheet for **SC332013**

LIM domain only 3 (LMO3) (NM_001243613) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LIM domain only 3 (LMO3) (NM_001243613) Human Untagged Clone
Tag: Tag Free
Symbol: LIM domain only 3
Synonyms: RBTN3; RBTNL2; Rhom-3; RHOM3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332013 representing NM_001243613.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGCTCTCAGTCCAGCCAGACACCAAGCCGAAAGGTTGTGCTGGCTGCAACCGAAAGATCAAGGACCGG
TATCTTCTAAAGGCACTGGACAAATACTGGCATGAAGACTGCCTGAAGTGTGCCTGCTGTGACTGTCGC
TTGGGAGAGCATTGAAGAGGTGTGGATCTATACATACATGCTGCACATACAGAGATTGGAATCTGT
GTAACCTTAGAATGGCCATTACCTTTTGTGCATCATTGACTTTAGCCAACAAATCACCATAGCTTGGCTC
TTTGGTGTAAACGGGAACTGCGCTGCCTGTAGTAAGCTCATCCCTGCCTTTGAGATGGTGTGCGTGCC
AAGGACAATGTTTACCACCTGGACTGCTTGCATGTCAGCTTTGTAATCAGAGATTTTGTGTTGGAGAC
AAATTTTTCCTAAAGAATAACATGATCCTTTGCCAGACGGACTACGAGGAAGGTTAATGAAAGAAGGT
TATGCACCCCAGGTTTCGCTGA
```

Restriction Sites: Sgfl-Mlul
ACCN: NM_001243613
Insert Size: 504 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).



[View online »](#)

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_001243613.1](#)

RefSeq Size: 3596 bp

RefSeq ORF: 504 bp

Locus ID: 55885

UniProt ID: [Q8TAP4](#)

Cytogenetics: 12p12.3

Protein Families: Transcription Factors

MW: 19.1 kDa

Gene Summary: 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]
Transcript Variant: This variant (7) differs at the 5' end, and contains an additional in-frame coding exon compared to variant 1. This results in a longer isoform (4) with an internal protein segment not found in isoform 1.