

Product datasheet for SC330150

LIM domain only 3 (LMO3) (NM_001243609) Human Untagged Clone

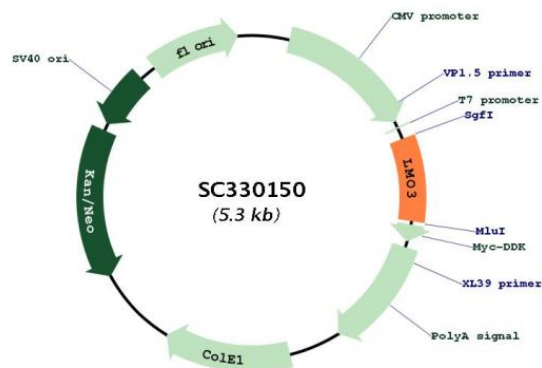
Product data:

| | |
|----------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | LIM domain only 3 (LMO3) (NM_001243609) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | LMO3 |
| Synonyms: | RBTN3; RBTNL2; Rhom-3; RHOM3 |
| Vector: | pCMV6-Entry (PS100001) |
| Fully Sequenced ORF: | >SC330150 representing NM_001243609. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

```
ATGCTCTCAGTCCAGCCAGACACCAAGCCGAAAGGTTGTGCTGGCTGCAACCGAAAGATCAAGGACCGG
TATCTTCTAAAGGCACTGGACAAATACTGGCATGAAGACTGCCTGAAGTGTGCCTGCTGTGACTGTGCGC
TTGGGAGAGGTGGGCTCCACCCTGTACACTAAAGCTAATCTTATCCTTTGTGCGAGAGACTATCTGAGG
CTCTTTGGTGTAACGGGAAACTGCGCTGCCTGTAGTAAGCTCATCCCTGCCTTTGAGATGGTGATGCGT
GCCAAGGACAATGTTTACCACCTGGACTGCTTTGCATGTCAGCTTTGTAATCAGAGATTTTGTGTTGGA
GACAAATTTTTCTAAAGAATAACATGATCCTTTGCCAGACGGACTACGAGGAAGGTTTAAATGAAAGAA
GGTTATGCACCCAGGTTTCGCTGA
```

Restriction Sites: SgfI-MluI

Plasmid Map:



[View online »](#)

| | |
|-------------------------------|---|
| ACCN: | NM_001243609 |
| Insert Size: | 438 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: | <ol style="list-style-type: none">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_001243609.1</u> |
| RefSeq Size: | 3659 bp |
| RefSeq ORF: | 438 bp |
| Locus ID: | 55885 |
| UniProt ID: | <u>Q8TAP4</u> |
| Cytogenetics: | 12p12.3 |
| Protein Families: | Transcription Factors |
| MW: | 16.6 kDa |
| Gene Summary: | <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 (3) differs at the 5' end compared to variant 1. Variants 1-4 encode the same isoform (1).</p> |