

Product datasheet for **SC114514**

SLMO2 (PRELID3B) (NM_016045) Human Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | SLMO2 (PRELID3B) (NM_016045) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SLMO2 |
| Synonyms: | C20orf45; dj543j19.5; SLMO2 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC114514 sequence for NM_016045 edited (data generated by NextGen Sequencing) |

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ATGAAGATCTGGACTTCGGAGCAGTCTTTGACCACCCGTGGAAACTGTTACAACAGCT
GCAATGCAGAAATACCCAAACCCCTATGAACCCAAGTGTGGTTGGAGTTGATGTGTGGAC
AGACATATAGATCCCTCTGGAAAAGTTGCACAGCCACAGACTTCTCAGCACAGAGTGGGA
CTGCCTTCCATTGTGAAGTCTCTTATTGGTGCAGCAAGAACGAAAACATATGTGCAAGAA
CATTCTGTAGTTGATCCTGTAGAGAAAACAATGGAACCTAAATCTACTAATATTTTCATT
ACAAACATGGTTTCAGTAGATGAGAGACTTATATACAAACCACATCCTCAGGATCCAGAA
AAAAGTGTGTTGACACAAGAAGCCATAATTACCGTGAAAGGAGTTAGCCTCAGCAGTTAC
CTTGAAGGACTGATGGCAAGTACGATATCCTCAAATGCTAGTAAAGGCCGAGAAGCAATG
GAATGGGTAATACATAAATTAATGCTGAGATTGAAGAAGTACAGCCTCAGCAAGAGGA
ACCATAAGGACTCCAATGGCAGCAGCAGCGTTTGCAGAGAAGTGA
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Clone variation with respect to NM_016045.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016045 unedited
 GGGTTCANATTTTGTAAACGACTTACTATAGNNGGCGGCCGCGCAATTCGGCACGAGGG
 TTGTCCCTGGCGCTCCCGGACTCTCTCAGGTGCCGGCACCATGAAGATCTGGACTTCGG
 AGCACGTCTTTGACCACCCGTGGGAAACTGTTACAACAGCTGCAATGCAGAAATACCCAA
 ACCCTATGAACCAAGTGGTTGGAGTTGATGTGTTGGACAGACATATAGATCCCTCTG
 GAAAGTTGCACAGCCACAGACTTCTCAGCACAGAGTGGGACTGCCTTCCATTGTGAAG
 CTCTTATTGGTGCAGCAAGAACGAAAACATATGTGCAAGAACATTCTGTAGTTGATCCTG
 TAGAGAAAACAATGGAACCTAAATCTACTAATATTTTCATTTACAACATGGTTTCAGTAG
 ATGAGAGACTTATATACAAACCACATCCTCAGGATCCAGAAAAAACTGTTTTGACACAAG
 AAGCCATAATTACCGTGAAGGAGTTAGCCTCAGCAGTTACCTTGAAGGACTGATGGCAA
 GTACGATATCCTCAAATGCTAGTAAAGGCCGAGAAGCAATGGAATGGGTAATACATAAAT
 TAAATGCTGAGATTGAAGAACTGACAGCCTCAGCAAGAGGAACCATAAGGACTCCAATGG
 CAGCAGCAGCGTTTGACAGAGAAGTATCGTGACAGTTGGTAGACACATCGGGTACTCCAG
 GTCTCTCAAACCTGACTATATATTTAATTTGATTTTTAAAAATACAACCTATATTTGGGT
 AGTTTTTTTTTTTTTTTTTTTTGATAGTTTGTGTAAGCTTTGTGACTTGATCAACAG
 ATGCCGGCCTCCTAATAAAGGGATCATCTGAAAATAATGTTGTTGAAATACTATCCTGA
 TTTGAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016045 unedited
 CGGCACGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTAAAAAGAAGTTTTTATTAA
 CAAAAGTTTTCTTAATTCACATTTCAACTTTATTAATAGTCCAAGGGTTTCATTTATG
 AACACTTATCCAGTTTAGTTCTCTTAAATTCATTTGCTTGTGTGCATTTATGTTTAAA
 AAGGTAACCTAAGTGCCTGGAAAATGAAAATTTATAGTTTTATCAATAGGTCAGTTTTTA
 AAAAATCAAAGGATAAGGATTTAAAAATATTAGGGCATTACACCTTTTTTCAAGAACAGGA
 TAATTTACAGAAATTATACAAAGCAGATTTTCATCAAATATCAATTATTTAGCGATGTTT
 TATTTAGCTGAAATGTTATTTCACTTGTAAAACTATCTCCGGTTACAAAAAAAATCAG
 AAACCTTATTAATTTAACCTGCTTTTACAAATGTCCTAAGAAGTCTTAAGCTAAACAAA
 ATTTAAGTAGGAAAACGATAATTTAAAAATAGTGTGTTATACTATTTCTGTGGTTTATGT
 ACATATATTAAGTGGTCTCTGGATAGGAAACATGACTAGAAGTTATCACACTAAGCAC
 TGTAATAAAGGCAAGAGCTAATCATCTTCTAGCAAAAATAGTCTCTATGCAACAATTG
 CAATGTCAAAGCTATTATTTAGTAGTTAATTCCTGCTACATACATAAAACAAAATACAT
 TTACTGGATTGTTTTTCAGTTTGCAGCTGCCCTTTGACATCCCAAATAGGAAATCCNNG
 TTAGTAAACCTGCATGCATTCACCTCAGTGGTAGTTTCAGCCCAAGCCTCCCTACATTAT
 GNNCTGTCTTCCCACCGCCCAATCCTGCAGTGGCACATATTTAAACCTAGTCCCT
 GGATTTATGCTCANACAGAATCTTTGAGTATTCAATGATCCAGCTCTATGAAAAAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_016045

Insert Size:

2630 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_016045.1](#), [NP_057129.1](#)

RefSeq Size: 2535 bp

RefSeq ORF: 636 bp

Locus ID: 51012

UniProt ID: [Q9Y3B1](#)

Cytogenetics: 20q13.32

Domains: MSF1