

## Product datasheet for **SC211194**

### Myelin oligodendrocyte glycoprotein (MOG) (NM\_206811) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Myelin oligodendrocyte glycoprotein (MOG) (NM\_206811) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MOG  
**Synonyms:** BTN6; BTNL11; MOGIG2; NRCLP7  
**ACCN:** NM\_206811  
**Insert Size:** 945 bp  
**Insert Sequence:** >SC211194 3'UTR clone of NM\_206811  
The sequence shown below is from the reference sequence of NM\_206811. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCTTCCACCTGGAAGCCCTCTCTGGCTAAGGACAGGCAGGTGCCCTCTCTCCATCAGAGGACACCTG
TACTGGAGAGCAACACAGGATGGTCTCTGCCATGAAGTGGAGCCAGGAATCTCCTCACTGAAAATTAC
AGTATGGTAACTTTGCAATGGTGGTTGTTTCTTCCAAGACTCCAGCCCTGATTGCGCAAACTGAAAG
GCATGTGAAGGGAAGGAAGAGGAAGAGTGCAAAACATTGAAGAGAGAGCTGAGTGAGCTGAAGAGTGAG
GATATGAGTAGCCCAACCCAAACCTGGAGATGGGGAGAACTACAGAATACTAGCCAGAGCTCTCTCC
TTGTCTTGGCAGCCTACTAGGGACCTGGGGAAGCAAAACGAAAGCTGGGCAACATGCCTGCTTTAGAA
TGTTTTCTTCTACTTACACATCTTCCACAGGTCTCAGAATCTTCTCCTCTCATCCTTTTCTCCTA
TCTTCATATCTATCAGAGTATCCACTGTTTATTCAACAATACTACTTGTGATGGTCAGACACAAACAAC
AAGCTAGGTGCTAATTAATAAAGATACGAGTTTTGGCCGGTGCGGTGGCTCACGCTGTAATCCCAGC
ACTTTGGGAGGCCGAGGCGGGCGAATCACGAGGTCAGGAGTTCAAGACCAGCCTGGCCAACATGGTGAA
ACCCCATCTCTACTAAAATAACAAACAATTAAGTACTGAGCATAGTGGTGGGACCTATAATACCAGCTACT
CCGGAGGCTGAGGCAGGAGAATCGCTTGAACCCAGGAGGAGGTTGCAGTGAGCTGAGATCGTGCCA
CTGCACTCTAGCCGAGTGACAGAGTAAGACTCTGTCTCAAAAATAAATAAATAAATAAATAAATAAAT
AAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_206811.4</a>
<b>Summary:</b>	The product of this gene is a membrane protein expressed on the oligodendrocyte cell surface and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may be involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	4340
<b>MW:</b>	35.1