

## Product datasheet for **SC213103**

### Myelin oligodendrocyte glycoprotein (MOG) (NM\_206812) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Myelin oligodendrocyte glycoprotein (MOG) (NM\_206812) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MOG  
**Synonyms:** BTN6; BTNL11; MOGIG2; NRCLP7  
**ACCN:** NM\_206812  
**Insert Size:** 1210 bp  
**Insert Sequence:** >SC213103 3'UTR clone of NM\_206812  
The sequence shown below is from the reference sequence of NM\_206812. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCCTTGAAGAGCTACGAAATCCCTTCTGAGTGATGTACATCTTGGCAGGGGTGGAGGAGAGCCTGGT
TGCCCAGGGATTTGTCTTGGGGACATCTCATCCATCAAGTTGCACACTACTGGCATCTTTGCTATGG
GGACATTTCCAATTTGCACTTTCAGGAACACTCTGAATTCGAAGTAGAATTGATTTCCCTTCTTGTCA
TCTACCTTTTCTTCTTCTTCCATTTTATTACCCTTCTTCCATTTCTCTCCAGTCTTCCACCT
GGAAGCCCTCTCTGGCTAAGGACAGGCAGGTGCCCTCTCTCCATCAGAGGACACCTGTAAGGAGAGC
AACACAGGATGGTCTCTGCCATGAACTGGAGGCCAGGAATCTCCTCACTGAAAATTACAGTATGGTAAC
TTTGCAAATGGTGGTGTCTTCCAAGACTCCAGCCCTGATTGCGCAAACTGAAAGGCATGTGAAGG
GAAGGAAGAGGAAGAGTGAACAACTTGAAGAGAGAGCTGAGTGAGCTGAAGAGTGAGGATATGAGTAG
CCCCAACCCAACTGGAGATGGGGAGAACTACAGAATACTAGCCAGAGCTCCTCCTTGTCTTGGCA
GCCTACTAGGGACCTGGGAAGCAAAACGAAAGCTGGGCAACATGCCTGCTTTAGAATGTTTTCTTC
TACTTACACATCTTCCACAGGTCTCAGAATCTTTCCTTCTCTCATCCTTTCTCTATCTTCATATCT
ATCAGAGTATCCACTGTTTATTTCAACAATACTACTTGTGATGGTGCAGACACAAACAAGCTAGGTGC
TAATTAATAAAGATACGAGTTTTGGCCGGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGG
CCGAGGCGGGCGAATCACGAGGTCAGGAGTTCAAGACCAGCCTGGCCAACATGGTGAAACCCCATCTCT
ACTAAAAATACAAACAATTAAGTGAATAGTGGTGGGCACCTATAATACCAGCTACTCCGGAGGCTGA
GGCAGGAGAATCGCTTGAACCCAGGAGGCGAGGTTGCAGTGAGCTGAGATCGTGCCACTGCACTCTAG
CCGGAGTGACAGAGTAAGACTCTGTCTCAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAA
TAAATAAATAAATAAATAAACAAGTTTTTCATAAGCACA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<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_206812.4</a>
<b>Summary:</b>	<p>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]</p>
<b>Locus ID:</b>	4340
<b>MW:</b>	44.9