

Product datasheet for **SC211196**

Myelin oligodendrocyte glycoprotein (MOG) (NM_002433) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Myelin oligodendrocyte glycoprotein (MOG) (NM_002433) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MOG
Synonyms: BTN6; BTNL11; MOGIG2; NRCLP7
ACCN: NM_002433
Insert Size: 945 bp
Insert Sequence: >SC211196 3'UTR clone of NM_002433
The sequence shown below is from the reference sequence of NM_002433. 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
CTCTTCCACCTGGAAGCCCTCTCTGGCTAAGGACAGGCAGGTGCCCTCTCTCCATCAGAGGACACCTG
TACTGGAGAGCAACACAGGATGGTCTCTGCCATGAAGTGGAGCCAGGAATCTCCTCACTGAAAATTAC
AGTATGGTAACTTTGCAATGGTGGTTGTTTCTTCCAAGACTCCAGCCCTGATTGCGCAAACTGAAAG
GCATGTGAAGGGAAGGAAGAGGAAGAGTGCAAAACATTGAAGAGAGAGCTGAGTGAGCTGAAGAGTGAG
GATATGAGTAGCCCAACCCAAACCTGGAGATGGGGAGAACTACAGAATACTAGCCAGAGCTCTCTCC
TTGTCTTGGCAGCCTACTAGGGACCTGGGGAAGCAAAACGAAAGCTGGGCAACATGCCTGCTTTAGAA
TGTTTTCTTCTACTTACACATCTTCCACAGGTCTCAGAATCTTCTCCTCTCATCTTTTCTCCTA
TCTTCATATCTATCAGAGTATCCACTGTTTATTCAACAATACTACTTGTGATGGTCAGACACAAACAAC
AAGCTAGGTGCTAATTAATAAAGATACGAGTTTTGGCCGGTGCGGTGGCTCACGCTGTAATCCCAGC
ACTTTGGGAGGCCGAGGCGGGCGAATCACGAGGTCAGGAGTTCAAGACCAGCCTGGCCAACATGGTGAA
ACCCCATCTCTACTAAAATAACAAATAAATACTGAGCATAGTGGTGGGCACCTATAATACCAGCTACT
CCGGAGGCTGAGGCAGGAGAATCGCTTGAACCCAGGAGGAGGTTGCAGTGAGCTGAGATCGTGCCA
CTGCACCTAGCCGAGTGACAGAGTAAGACTCTGTCTCAAAAATAAATAAATAAATAAATAAATAAAT
AAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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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Components:	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.
RefSeq:	NM_002433.5
Summary:	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]
Locus ID:	4340
MW:	35.1