

Product datasheet for RC222910

Myelin oligodendrocyte glycoprotein (MOG) (NM_001008228) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myelin oligodendrocyte glycoprotein (MOG) (NM_001008228) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Myelin oligodendrocyte glycoprotein
Synonyms:	BTN6; BTNL11; MOGIG2; NRCLP7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC222910 representing NM_001008228 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGCAAGCTTATCAAGACCCTCTGCCAGCTGCCTCTGCTCCTTCTCCTCCTCCTCCTCCTCAAG
TGTCTTCAGCTATGCAGGGCAGTTCAGAGTGATAGGACCAAGACACCCTATCCGGGCTCTGGTCGGGA
TGAAGTGAATTGCCATGTCGCATATCTCTGGGAAGAAGCTACAGGCATGGAGGTGGGTGGTACCGC
CCCCCTTCTCTAGGGTGGTTCATCTCTACAGAAATGGCAAGGACCAAGATGGAGACCAGGCACCTGAAT
ATCGGGGCCGGACAGAGCTGCTGAAAGATGCTATTGGTGAGGAAAGGTGACTCTCAGGATCCGGAATGT
AAGTTTCTCAGATGAAGGAGTTTACCTGCTTCTCCGAGATCATTCTTACCAAGAGGAGGCAGCAATG
GAATTGAAAGTAGAAGATCCTTTCTACTGGGTGAGCCCTGGAGTGCTGGTTCTCCTCGCGGTGCTGCCTG
TGCTCCTCCTGCAGATCACTGTTGGCCTCATCTTCTCTGCTGCAGTACAGACTGAGAGGAAAACCTTCG
AGCAGAGATAGAGAATCTCCACCGGACTTTTGGTCTTTGGTGTCTTAGGACCCAGGTTAAGGAACCA
AAAAGACAGGGCAATTCCTTGAAGAGCTACGAAATCCCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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_001008228.3](#)

RefSeq Size: 2101 bp

RefSeq ORF: 675 bp

Locus ID: 4340

UniProt ID: [Q16653](#)

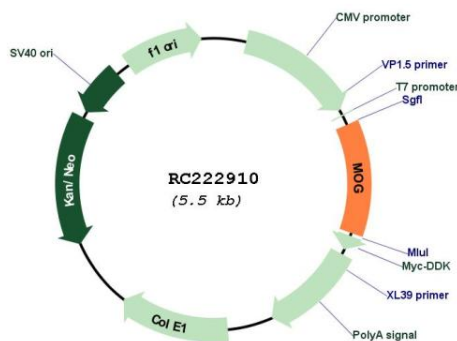
Cytogenetics: 6p22.1

Protein Families: Transmembrane

MW: 25.4 kDa

Gene 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]

Product images:



Circular map for RC222910