

Product datasheet for RC213662L3V

OriGene Technologies, Inc.

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Myelin oligodendrocyte glycoprotein (MOG) (NM_002433) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Myelin oligodendrocyte glycoprotein (MOG) (NM_002433) Human Tagged ORF Clone Lentiviral

Particle

Symbol: Myelin oligodendrocyte glycoprotein
Synonyms: BTN6; BTNL11; MOGIG2; NRCLP7

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

ig, IGv, IG

 Tag:
 Myc-DDK

 ACCN:
 NM_002433

ORF Size: 2333 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC213662).

OTI Disclaimer:

Sequence:

Domains:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: <u>NM 002433.1</u>

 RefSeq Size:
 1869 bp

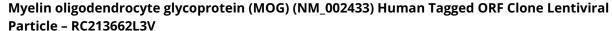
 RefSeq ORF:
 759 bp

 Locus ID:
 4340

 UniProt ID:
 Q16653

 Cytogenetics:
 6p22.1







Protein Families: Transmembrane

MW: 28.18 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]