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Product datasheet for RC213662L3V

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)
Tag:	Myc-DDK
ACCN:	NM_002433
ORF Size:	2333 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC213662).`
OTI Disclaimer:	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:	NM_002433.1
RefSeq Size:	1869 bp
RefSeq ORF:	759 bp
Locus ID:	4340
UniProt ID:	Q16653
Cytogenetics:	6p22.1
Domains:	ig, IGv, IG

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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]

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