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Product datasheet for RC210143L3V

Mannan Binding Lectin (MBL2) (NM_000242) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mannan Binding Lectin (MBL2) (NM_000242) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Mannan Binding Lectin
Synonyms:	COLEC1; HSMBPC; MBL; MBL2D; MBP; MBP-C; MBP1; MBPD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_000242
ORF Size:	744 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC210143).`
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_000242.1
RefSeq Size:	3569 bp
RefSeq ORF:	747 bp
Locus ID:	4153
UniProt ID:	P11226
Cytogenetics:	10q21.1
Protein Families:	Druggable Genome
Protein Pathways:	Complement and coagulation cascades

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MW: 26.1 kDa

Gene Summary: This gene encodes the soluble mannose-binding lectin or mannose-binding protein found in serum. The protein encoded belongs to the collectin family and is an important element in the innate immune system. The protein recognizes and binds to mannose and N-acetylglucosamine on many microorganisms, including bacteria, yeast, and viruses including influenza virus, HIV and SARS-CoV. This binding activates the classical complement pathway. Deficiencies of this gene have been associated with susceptibility to autoimmune and infectious diseases. [provided by RefSeq, Jun 2020]