

Product datasheet for RC209552L1

OriGene Technologies, Inc.

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Galectin 2 (LGALS2) (NM_006498) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Galectin 2 (LGALS2) (NM_006498) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Galectin 2

Synonyms: HL14

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC209552).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_006498

ORF Size: 396 bp





Galectin 2 (LGALS2) (NM_006498) Human Tagged Lenti ORF Clone - RC209552L1

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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: <u>NM 006498.2</u>

 RefSeq Size:
 543 bp

 RefSeq ORF:
 399 bp

 Locus ID:
 3957

 UniProt ID:
 P05162

 Cytogenetics:
 22q13.1

Domains: Gal-bind lectin

MW: 14.6 kDa

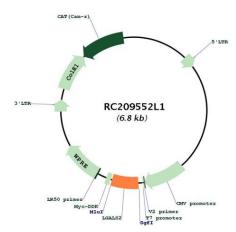
Gene Summary: The protein encoded by this gene is a soluble beta-galactoside binding lectin. The encoded

protein is found as a homodimer and can bind to lymphotoxin-alpha. A single nucleotide polymorphism in an intron of this gene can alter the transcriptional level of the protein, with

a resultant increased risk of myocardial infarction. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC209552L1