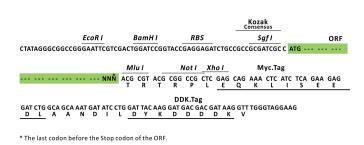


Product datasheet for RC204625L3

LGALS14 (NM_020129) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids Product Name: LGALS14 (NM_020129) Human Tagged Lenti ORF Clone Tag: Myc-DDK Symbol: LGALS14 CLC2; PPL13 Synonyms: **Mammalian Cell** Puromycin Selection: Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092) E. coli Selection: Chloramphenicol (34 ug/mL) The ORF insert of this clone is exactly the same as(RC204625). **ORF** Nucleotide Sequence: **Restriction Sites:** Sgfl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling: ORF Sqf I Mlu I



--- GCG ATC GC C ATG --- //--- NNN ACG CGT ---

ACCN: ORF Size: NM_020129 417 bp

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	14 (NM_020129) Human Tagged Lenti ORF Clone – RC204625L3
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. <u>More info</u>
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 020129.2</u>
RefSeq Size:	794 bp
RefSeq ORF:	420 bp
Locus ID:	56891
UniProt ID:	<u>Q8TCE9</u>
Cytogenetics:	19q13.2
Domains:	Gal-bind_lectin
Protein Families:	Transmembrane
MW:	16.1 kDa
Gene Summary:	This gene is predominantly expressed in placenta. The encoded protein belongs to the galectin (galaptin/S-lectin) family. The members of galectin family contain one or two carbohydrate recognition domains, which can bind beta-galactoside. Two alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

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