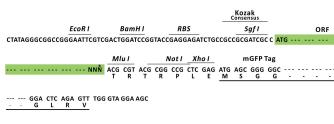


Product datasheet for RC220535L4

COL23A1 (NM_173465) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids Product Name: COL23A1 (NM 173465) Human Tagged Lenti ORF Clone Tag: mGFP Symbol: COL23A1 **Mammalian Cell** Puromycin Selection: Vector: pLenti-C-mGFP-P2A-Puro (PS100093) E. coli Selection: Chloramphenicol (34 ug/mL) **ORF** Nucleotide The ORF insert of this clone is exactly the same as(RC220535). Sequence: **Restriction Sites:** Sgfl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling: ORF Safl Mlu I --- GCG ATC GCC ATG --- // --- NNN ACG CGT ---



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

ACCN: ORF Size: NM_173465 1620 bp



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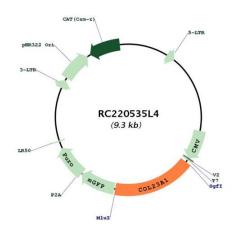
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	A1 (NM_173465) Human Tagged Lenti ORF Clone – RC220535L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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 173465.2</u>
RefSeq Size:	3067 bp
RefSeq ORF:	1623 bp
Locus ID:	91522
UniProt ID:	<u>Q86Y22</u>
Cytogenetics:	5q35.3
MW:	51.8 kDa
Gene Summary:	COL23A1 is a member of the transmembrane collagens, a subfamily of the nonfibrillar collagens that contain a single pass hydrophobic transmembrane domain (Banyard et al., 2003 [PubMed 12644459]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RC220535L4

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