

## Product datasheet for **RC203844L4V**

### LOH12CR1 (BORCS5) (NM\_058169) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LOH12CR1 (BORCS5) (NM_058169) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BORCS5
Synonyms:	LOH1CR12; LOH12CR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_058169
ORF Size:	588 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203844).
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. <a href="#">More info</a>
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:	<a href="#">NM_058169.2</a>
RefSeq Size:	2092 bp
RefSeq ORF:	591 bp
Locus ID:	118426
UniProt ID:	<a href="#">Q969J3</a>
Cytogenetics:	12p13.2
MW:	22.2 kDa



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**Gene Summary:**

As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor. Thereby, it may indirectly play a role in cell spreading and motility.[UniProtKB/Swiss-Prot Function]