

## Product datasheet for **RC226352L3V**

### **ARHGEF14 (MCF2L) (NM\_001112732) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ARHGEF14 (MCF2L) (NM_001112732) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARHGEF14
Synonyms:	ARHGEF14; DBS; OST
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001112732
ORF Size:	3546 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226352).
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_001112732.1</a> , <a href="#">NP_001106203.1</a>
RefSeq ORF:	3378 bp
Locus ID:	23263
UniProt ID:	<a href="#">O15068</a>
Cytogenetics:	13q34
MW:	131.2 kDa


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**Gene Summary:**

This gene encodes a guanine nucleotide exchange factor that interacts specifically with the GTP-bound Rac1 and plays a role in the Rho/Rac signaling pathways. A variant in this gene was associated with osteoarthritis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]