

## Product datasheet for **RC230613L4V**

### **CNKSR2 (NM\_001168647) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

<b>Product Type:</b>	Lentiviral Particles
<b>Product Name:</b>	CNKSR2 (NM_001168647) Human Tagged ORF Clone Lentiviral Particle
<b>Symbol:</b>	CNKSR2
<b>Synonyms:</b>	CNK2; KSR2; MAGUIN; MRXSHG
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_001168647
<b>ORF Size:</b>	3012 bp
<b>ORF Nucleotide Sequence:</b>	The ORF insert of this clone is exactly the same as(RC230613).
<b>OTI Disclaimer:</b>	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>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>RefSeq:</b>	<a href="#">NM_001168647.1</a>
<b>RefSeq ORF:</b>	3015 bp
<b>Locus ID:</b>	22866
<b>UniProt ID:</b>	<a href="#">Q8WXI2</a>
<b>Cytogenetics:</b>	Xp22.12
<b>MW:</b>	114.4 kDa



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**Gene Summary:**

This gene encodes a multidomain protein that functions as a scaffold protein to mediate the mitogen-activated protein kinase pathways downstream from Ras. This gene product is induced by vitamin D and inhibits apoptosis in certain cancer cells. It may also play a role in ternary complex assembly of synaptic proteins at the postsynaptic membrane and coupling of signal transduction to membrane/cytoskeletal remodeling. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]