

Product datasheet for **RC222163L3V**

CHN 1 (CHN1) (NM_001822) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHN 1 (CHN1) (NM_001822) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHN 1
Synonyms:	ARHGAP2; CHN; DURS2; NC; RHOGAP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001822
ORF Size:	1377 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222163).
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. More info
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:	NM_001822.3
RefSeq Size:	2607 bp
RefSeq ORF:	1380 bp
Locus ID:	1123
UniProt ID:	P15882
Cytogenetics:	2q31.1
Domains:	RhoGAP, SH2, DAG_PE-bind
MW:	53 kDa



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Gene Summary:

This gene encodes GTPase-activating protein for ras-related p21-rac and a phorbol ester receptor. It is predominantly expressed in neurons, and plays an important role in neuronal signal-transduction mechanisms. Mutations in this gene are associated with Duane's retraction syndrome 2 (DURS2). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Apr 2011]