

Product datasheet for **RC207509L4V**

Keratocan (KERA) (NM_007035) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Keratocan (KERA) (NM_007035) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Keratocan
Synonyms:	CNA2; KTN; SLRR2B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007035
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207509).
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_007035.3
RefSeq Size:	2543 bp
RefSeq ORF:	1059 bp
Locus ID:	11081
UniProt ID:	O60938
Cytogenetics:	12q21.33
Protein Families:	Secreted Protein
MW:	40.5 kDa



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Gene Summary:

The protein encoded by this gene is a keratan sulfate proteoglycan that is involved in corneal transparency. Defects in this gene are a cause of autosomal recessive cornea plana 2 (CNA2). [provided by RefSeq, May 2010]