

Product datasheet for **RC214267L4V**

RS1 (NM_000330) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RS1 (NM_000330) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RS1
Synonyms:	RS; XLRS1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000330
ORF Size:	672 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214267).
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_000330.2
RefSeq Size:	3046 bp
RefSeq ORF:	675 bp
Locus ID:	6247
UniProt ID:	O15537
Cytogenetics:	Xp22.13
Protein Families:	Secreted Protein
MW:	25.59 kDa



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Gene Summary:

This gene encodes an extracellular protein that plays a crucial role in the cellular organization of the retina. The encoded protein is assembled and secreted from photoreceptors and bipolar cells as a homo-oligomeric protein complex. Mutations in this gene are responsible for X-linked retinoschisis, a common, early-onset macular degeneration in males that results in a splitting of the inner layers of the retina and severe loss in vision. [provided by RefSeq, Oct 2008]