

Product datasheet for **RC211925L4V**

Jagged 2 (JAG2) (NM_002226) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Jagged 2 (JAG2) (NM_002226) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Jagged 2
Synonyms:	HJ2; SER2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002226
ORF Size:	3714 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211925).
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_002226.3
RefSeq Size:	5077 bp
RefSeq ORF:	3717 bp



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Locus ID:	3714
UniProt ID:	Q9Y219
Cytogenetics:	14q32.33
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Notch signaling pathway
MW:	133.37 kDa
Gene Summary:	The Notch signaling pathway is an intercellular signaling mechanism that is essential for proper embryonic development. Members of the Notch gene family encode transmembrane receptors that are critical for various cell fate decisions. The protein encoded by this gene is one of several ligands that activate Notch and related receptors. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]