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Product datasheet for RC210681L4V

PRH2 (NM_005042) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PRH2 (NM_005042) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRH2
Synonyms:	db-s; pa; PIF-S; Pr; pr1/Pr2; PRH1; PRP-1/PRP-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005042
ORF Size:	498 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210681).
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_005042.2, NP_005033.1
RefSeq Size:	4323 bp
RefSeq ORF:	501 bp
Locus ID:	5555
Cytogenetics:	12p13.2
Protein Families:	Secreted Protein
MW:	17 kDa

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Gene Summary: This gene encodes a member of the heterogeneous family of proline-rich salivary glycoproteins. The encoded preproprotein undergoes proteolytic processing to generate one or more mature isoforms before secretion from the parotid and submandibular/sublingual glands. In western population this locus is commonly biallelic and encodes proline-rich protein (PRP) isoforms, PRP-1 and PRP-2. The reference genome encodes the PRP-1 allele. Certain alleles of this gene are associated with susceptibility to dental caries. This gene is located in a cluster of closely related salivary proline-rich proteins on chromosome 12. [provided by RefSeq, Oct 2015]