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Product datasheet for RC227699L4V

PPHLN1 (NM_001143789) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPHLN1 (NM_001143789) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPHLN1
Synonyms:	CR; HSPC206; HSPC232
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001143789
ORF Size:	879 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227699).
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_001143789.1, NP_001137261.1
RefSeq ORF:	882 bp
Locus ID:	51535
Cytogenetics:	12q12
MW:	33.7 kDa

Gene Summary:

The protein encoded by this gene is one of the several proteins that become sequentially incorporated into the cornified cell envelope during the terminal differentiation of keratinocyte at the outer layers of epidermis. This protein interacts with periplakin, which is known as a precursor of the cornified cell envelope. The cellular localization pattern and insolubility of this protein suggest that it may play a role in epithelial differentiation and contribute to epidermal integrity and barrier formation. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]