Product datasheet for RC203535L4V

XPNPEP1 (NM_020383) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	XPNPEP1 (NM_020383) Human Tagged ORF Clone Lentiviral Particle
Symbol:	XPNPEP1
Synonyms:	APP1; SAMP; XPNPEP; XPNPEPL; XPNPEPL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020383
ORF Size:	1869 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203535).
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_020383.2, NP_065116.2
RefSeq Size:	2557 bp
RefSeq ORF:	2001 bp
Locus ID:	7511
UniProt ID:	Q9NQW7
Cytogenetics:	10q25.1
Domains:	Peptidase_M24
Protein Families:	Druggable Genome, Protease

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MW: 69.9 kDa

Gene Summary: This gene encodes the cytosolic form of a metalloaminopeptidase that catalyzes the cleavage of the N-terminal amino acid adjacent to a proline residue. The gene product may play a role in degradation and maturation of tachykinins, neuropeptides, and peptide hormones. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Nov 2009]