Product datasheet for RC222768L3V

XPNPEP2 (NM_003399) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	XPNPEP2 (NM_003399) Human Tagged ORF Clone Lentiviral Particle
Symbol:	XPNPEP2
Synonyms:	AEACEI; APP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003399
ORF Size:	2022 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222768).
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_003399.4
RefSeq Size:	3329 bp
RefSeq ORF:	2025 bp
Locus ID:	7512
UniProt ID:	O43895
Cytogenetics:	Xq26.1
Protein Families:	Druggable Genome, Protease
MW:	75.4 kDa

Gene Summary: Aminopeptidase P is a hydrolase specific for N-terminal imido bonds, which are common to several collagen degradation products, neuropeptides, vasoactive peptides, and cytokines. Structurally, the enzyme is a member of the 'pita bread fold' family and occurs in mammalian tissues in both soluble and GPI-anchored membrane-bound forms. A membrane-bound and soluble form of this enzyme have been identified as products of two separate genes. [provided by RefSeq, Jul 2008]