

Product datasheet for **RC222768L4V**

XPNPEP2 (NM_003399) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| 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-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| 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 |



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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]