

Product datasheet for **RR212946L4V**

Xpnpep3 (NM_001130582) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Xpnpep3 (NM_001130582) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Xpnpep3
Synonyms:	APP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001130582
ORF Size:	1518 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR212946).
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_001130582.2 , NP_001124054.2
RefSeq Size:	2502 bp
RefSeq ORF:	1521 bp
Locus ID:	685823
UniProt ID:	B5DEQ3
Cytogenetics:	7q34



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Gene Summary:

Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Leu-Pro-Ala. Also shows low activity towards peptides with Ala or Ser at the P1 position. Promotes TNFRSF1B-mediated phosphorylation of MAPK8/JNK1 and MAPK9/JNK2, suggesting a function as an adapter protein for TNFRSF1B; the effect is independent of XPNPEP3 peptidase activity. May inhibit apoptotic cell death induced via TNF-TNFRSF1B signaling. [UniProtKB/Swiss-Prot Function]