

Product datasheet for **SC214632**

XPNPEP3 (NM_022098) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	XPNPEP3 (NM_022098) Human 3' UTR Clone
Symbol:	XPNPEP3
Synonyms:	APP3; ICP55; NPHPL1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022098
Insert Size:	2000 bp



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Insert Sequence: >SC214632 3'UTR clone of NM_022098
The sequence shown below is from the reference sequence of NM_022098. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATTGAACAGATATGCAGCCAGGCTTCTTGACCTTCACTGCGGCCACATGCACCTCAGGTTCAAAATGG
GTGTCTTCTGGCAGCCCTGCACGTGTGCTTTCTGAGTGTCTCTGTGTGTCATTAATATATGCATTCCA
TTTGGGAGCATAGCAGCTGTGTGAATGTATGTAATTGTGTGTGGGGGTTTTTTGTTTTAAGTAGTTAG
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TCTTTTTTTTTTTTTTTTTTGGAGACAGAGTCTCGCTCTGTGCGCTGGGCTGGATGGAGTGCAGTGGCG
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CTGGGACTACAGGTGCACGCTGCCATGCCAGCTAATTTTTTGTATTTTAGTAGAGACAGGGTTTCAC
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_022098.4](#)

Summary:	The protein encoded by this gene belongs to the family of X-pro-aminopeptidases that utilize a metal cofactor, and remove the N-terminal amino acid from peptides with a proline residue in the penultimate position. This protein has been shown to localize to the mitochondria of renal cells, and have a role in ciliary function. Mutations in this gene are associated with nephronophthisis-like nephropathy-1. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene, however, expression of some of these isoforms in vivo is not known.[provided by RefSeq, Mar 2011]
Locus ID:	63929
MW:	74.4