

Product datasheet for **SC205473**

PEX (NM_000444) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PEX (NM_000444) Human 3' UTR Clone
Symbol:	PEX
Synonyms:	HPDR; HPDR1; HYP; HYP1; LXHR; PEX; XLH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000444
Insert Size:	2000 bp



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Insert Sequence: >SC205473 3'UTR clone of NM_000444
 The sequence shown below is from the reference sequence of NM_000444. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAGGCATGGACTCCTGCCGACTCTGGTAGCTGGGACGCTGGTTTATGGCATCCTGAGACAGTTGCACA
GTGCCAGCGGAGGCTGCACTGAGCCTTCATCGCCATTGCTTTAGGCCTGGAGACTTTCATTTTTAGTG
CATTTTTATTATTTGGGTAGGTGACCTGCTGGATCTAGACAGCATCTGTTCAAAGTTGTAGGGCTTAT
AAAGTGGAAATAAAGAATGAAGTAAAGTATGTTCTTTAGAAAAACAAACCAACAAAAATAAATCCCTAG
GCTACTTTTGTAAAAATGCTATCTGCTAAATTGTTGCTATTGTCCATTTTAGGGTGTGGCCACAGTTA
TGTGGTACATAGCATTCAATCTATAGCTTTGTGGGAAGCCTAAATTGATGTATCCTTTAAAGTTCAA
TCTATTAAGTGTAGCCTCTCAATGATGAAGACATGTGCATGAATACCTGGGAGGGCTTGTCTGCTCTG
TGAATGCAGTGCACGTTTTTATGGACAGTAATTACACAGCATTCTCAACTGTAAGGTAGTTAAATTA
GAAATATGTTTGTATCTCCATTTTACACTTTTTGATGAAGTTCTTGCCTTCAGCTTTGGAGTCTGTTGGA
ATGAAACTGTGTCTCACAGCTTGATCTGATGTAGCAGATTGCCCTGTTCAAGTCAGCATGAACAAAGC
TCGCAGAAAGGCTACTAGGTAACGGATTGAGTTTATTAGTAGAAAAAAGGGAATGAGGACATATCT
TTAGGTCGCCAGAGCAGCAAAACCTCCTAGTTACATAACAGCAGGGAAACTAGGAGATGAAATCTCCAA
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CCCCCTACTCCCTTACATTATTCATTAGACATGAGGTGCTGGGTTAAGTGGGCAATAGGAAAATCTC
AAAAGCAAAATGACAAATTCAGATTAACCACAGGAAGCCATTGTGTGTCCTGTGATTTGTGATTCTTT
TAAAAAATAAATAATATATATATATATATATATATATATATATATATATATATATATATATATATATAT
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TATACTGCATTAGTCAGAGGAGAGCGATTTTCCCTTTGACTTCTTCTCTCTGAATGGATAAACTTGTG
AAGGGCAGCTACCTTGTCTCCTCTTAACTGGCTTAATGTGACCTTAGTTTGTATTTCCAAAAACAAG
CAGTATTAGGTTGGAATTGTATGTGTCTTTTCTCTGGAGGAAGCATTCTGACTTGGTTTLAGACATATAA
GATACTCTGTTTTATTCTGGACTTGGGTGTTTAAATCAGCTGAGGTTTATCATGCTTATATGAATAG
TGTTTCCCTTCTAGATTTCTTTATAAACTCCAAATAAACACATTCCTGCAGGTCAGAGAAAGTGTTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_000444.6](#)

Summary: The protein encoded by this gene is a transmembrane endopeptidase that belongs to the type II integral membrane zinc-dependent endopeptidase family. The protein is thought to be involved in bone and dentin mineralization and renal phosphate reabsorption. Mutations in this gene cause X-linked hypophosphatemic rickets. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Locus ID: 5251

MW: 76.3