

Product datasheet for **RC211248L3V**

PHEX (NM_000444) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PHEX (NM_000444) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PHEX
Synonyms:	HPDR; HPDR1; HYP; HYP1; LXHR; PEX; XLH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_000444
ORF Size:	2247 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211248).
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_000444.3
RefSeq Size:	6169 bp
RefSeq ORF:	2250 bp
Locus ID:	5251
UniProt ID:	P78562
Cytogenetics:	Xp22.11
Protein Families:	Druggable Genome, Protease, Transmembrane
MW:	86.5 kDa



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Gene 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]