

Recombinant Human PHEX, His-tagged

Cat. No. PHEX-1678H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHEX protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	41-391aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	PHEX phosphate regulating endopeptidase homolog, X-linked [Homo sapiens]
Official Symbol	PHEX
Synonyms	PHEX; phosphate regulating endopeptidase homolog, X-linked; HPDR, HYP, phosphate regulating gene with homologies to endopeptidases on the X chromosome (hypophosphatemia, vitamin D resistant rickets); phosphate-regulating neutral endopeptidase; HPDR1; HYP1; PEX; XLH; metalloendopeptidase homolog PEX; X-

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linked hypophosphatemia protein; vitamin D-resistant hypophosphatemic rickets protein; phosphate regulating gene with homologies to endopeptidases on the X chromosome (hypophosphatemia, vitamin D resistant rickets); HYP; HPDR; LXHR;

Gene ID	5251
mRNA Refseq	NM_000444
Protein Refseq	NP_000435
MIM	300550
UniProt ID	P78562
Chromosome Location	Xp22.2-p22.1
Function	aminopeptidase activity; metal ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding;

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