

## Recombinant Human PHEX, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	PHEX phosphate regulating endopeptidase homolog, X-linked [ Homo sapiens ]
<b>Official Symbol</b>	PHEX
<b>Synonyms</b>	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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