

# Recombinant Full Length Human Phosphate-Regulating Neutral Endopeptidase(Phex) Protein, His-Tagged

Cat. No. RFL34142HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human Phosphate-regulating neutral endopeptidase(PHEX) Protein (P78562) (1-749aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-749)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MEAETGSSVETGKKANRGTRIALVVFVGGTLVLGTILFLVSQGLLSLQAKQEYCLKPE            CIEAAAAILSKVNLSVDPCDNFFRFACDGWISNNPIPEDMPSYGVYPWLRHNVDLKL            KELLEKSISRRRDTEAIQKAKILYSSCMNEKAIEKADAKPLLHILRHSPFRWPVLESNI            GPEGVWSERKFSLLQTLATFRGQYSNSVFIRLYVSPDDKASNEHILKLDQATLSLAV            REDYLDNSTEAKSYRDALYKFMVDTAVLLGANSSRAEHDMKSVLRLEIKIAEIMIPHE            NRTSEAMYNKMNISELSAMIPQFDWLGYIKKVIDTRLYPHLKDIPSENVVVRVPQYF            KDLFRILGSEKKTIANYLWVRMVYSRIPNLSRRFQYRWLEFSRVIQGTITLLPQWD            KCVNFIESALPYVVGKMFVDVYFQEDKKEMMEELVEGVRWAFIDMLEKENEWMDA            GTKRKAKEKARAVLAKVGYPEFIMNDTHVNEDLKAIKFSEADYFGNVLQTRKYLAQS            DFFWLRKAVPKTEWFTNPTTVNAFYASASTNQIRFPAGELQKPFWWGTEYPRSLSYG            AIGVIVGHEFTHGFDNNGRKYDKNGNLDPWWSTESEEFKEKTKCMINQYSNYW            KKAGLNVKGRKRTLGENIADNGGLREAFRAYRKWINDRRQGLEEPLLPGITFTNNQLF</p>

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

FLSYAHVRCNSYRPEAAAREQVQIGAHSPQFRVNGAISNFEEFQKAFNCPPNSTMN  
 RGMDSCLRW

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** PHEX

**Synonyms** PHEX; PEX; Phosphate-regulating neutral endopeptidase PHEX; Metalloendopeptidase homolog PEX; Vitamin D-resistant hypophosphatemic rickets protein; X-linked hypophosphatemia protein; HYP

**UniProt ID** [P78562](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA