

Recombinant Human PHPT1, GST-tagged

Cat. No. PHPT1-1692H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHPT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-125aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PHPT1 phosphohistidine phosphatase 1 [Homo sapiens]
Official Symbol	PHPT1
Synonyms	PHPT1; phosphohistidine phosphatase 1; 14 kDa phosphohistidine phosphatase; sex regulated protein janus a; bA216L13.10; CGI 202; DKFZp564M173; HSPC141; phosphohistidine phosphatase 14kDa; PHP14; 1700008C22Rik; protein janus-A homolog; sex-regulated protein janus-a; CGI-202; RP11-216L13.10;

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Gene ID	29085
mRNA Refseq	NM_001135861
Protein Refseq	NP_001129333
MIM	610167
UniProt ID	Q9NRX4
Chromosome Location	9q34.3
Pathway	Fructose and mannose metabolism, organism-specific biosystem; Fructose and mannose metabolism, conserved biosystem;
Function	calcium channel inhibitor activity; hydrolase activity; ion channel binding; phosphohistidine phosphatase activity; phosphohistidine phosphatase activity; phosphoprotein phosphatase activity;