

Protein Histidine Phosphatase

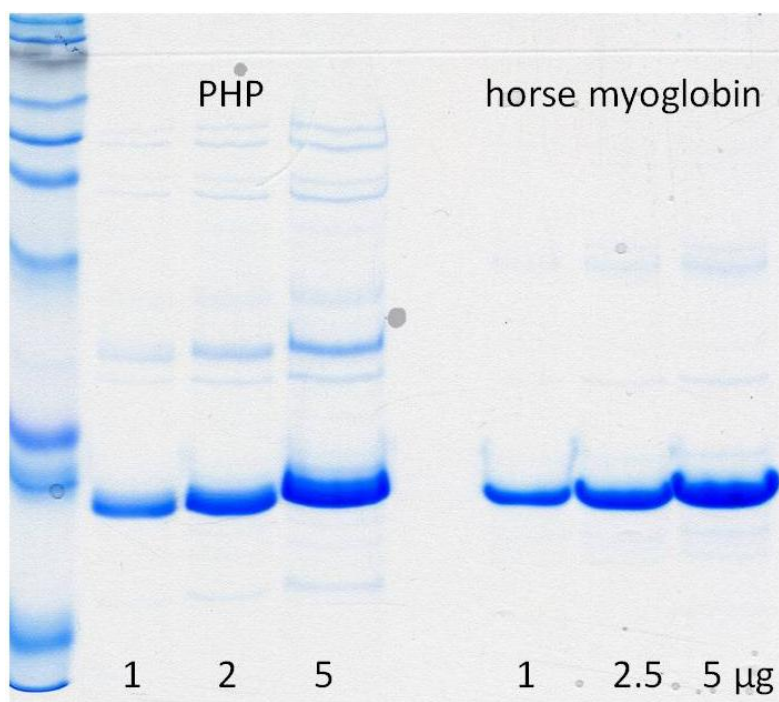
Data Sheet

Dry recombinant PHP is supplied in aliquots of **1 mg**. It was expressed in *E. coli* according to

N. Bäumer, A. Mäurer, J. Krieglstein and S. Klumpp: Expression of PHP in *E. coli*, purification and determination of activity. Meth. Mol. Biol., Vol. 365, Ed. G. Moorhead, Humana Press, Inc., Totowa, NJ

It was purified using Ni-NTA agarose to achieve >90 % purity (see gel image). The sample in elution buffer (20 mM Tris-HCl pH 7.9, 500 mM imidazol; with 1 tablet Complete Mini EDTA-free dissolved in 10 ml elution buffer) was dried for shipment and stored at -20 °C. Addition of 794 µl of water will restore the buffer system at the concentrations mentioned above.

The product contains the equivalent of 1000 bands of 1 µg.



PHP (UniProt accession Q9NRX4) with His-tag and amino acid linker (16222 kDa)

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1  GHHHHHHHHH HSSGHIEGRH MAVADLALIP DVDIDSDGVF KYVLIRVHSA
51 PRSGAPAAES KEIVRGYKWA EYHADIYDKV SGDMQKQGCD CECLGGGRIS
101 HQSQDKKIHV YGYSMAYGPA QHAISTEKIK AKYPDYEVTW ANDGY
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