

Human PTP1B protein (active)

Cat. No. GTX67148-pro

Applications Functional Assay**Species** Human**Package**

100 µg

Applications

Application Note

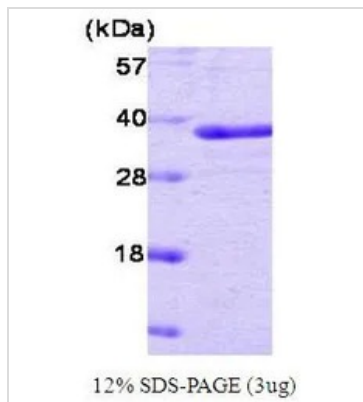
Specific activity is > 10000 units/mg, and is defined as the amount of enzyme that hydrolyze 1.0 nmole of p-nitrophenyl phosphate (pNPP) per minute at pH 7.5 at 37°C.

Properties

Form Liquid**Buffer** 25mM Tris-HCl, 20% Glycerol, 2mM beta-mercaptoethanol, 1mM DTT, 1mM EDTA**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence** Length: 321 a.a. Sequence: MEMEKEFEQI DKSGSWAAIY QDIRHEASDF PCRVAKLPKN KNRNRYRDVS PFDHSRIKLH QEDNDYINAS LIKMEEAQRS YILTQGPLPN TCGHFWEMVW EQKSRGVVML NRVMKGLSLK CAQYWPQKEE KEMIFEDTNL KLTLSIEDIK SYITVRQLEL ENLTTQETRE ILHFHYTTWP DFGVPESPAS FLNLFKVVRE SGSLSPEHGP VVHCSAGIG RSGTFCLADT CLLMDKRRKD PSSVDIKVL LEMRKFRMGL IQTADQLRFS YLAVIEGAKF IMGDSSVQDQ WKELSHEDLE PPPEHIPPPP RPPKRILEPH N**Expression System** E. coli**Purity** > 95% by SDS-PAGE.**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES



GTX67148-pro Image

3 μ g of GTX67148-pro Human PTP1B protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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