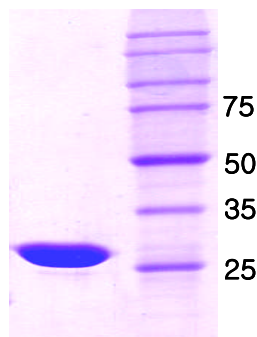


Product: Protein Tyrosine Phosphatase 1B (PTP 1B), human
Catalog #: 01-2219
Amount: 50 µg

SOURCE: Recombinant, E. coli

AA Sequence:

MEMEKEFEQI DKSGSWAAIY QDIRHEASDF PCRVAKLPKN
KNRNRDVS PFDHSRIKLH QEDNDYINAS LIKMEEAQRS
YILTQGPLN TCGHFWEMVW EQKSRGVVML NRVMEKGLK
CAQYWPQKEE KEMIFEDTNL KLTLISEDIK SYTVRQLEL
ENLTTQETRE ILHFHYTTWP DFGVPESPAS FLNLFKVVRE
SGSLSPEHGP VVVHCSAGIG RSGTFCLADT CLLLMDKRKD
PSSVDIKKVL LEMRKFRMGL IQTADQLRFS YLAVIEGAKF
IMGDSSVQDQ WKELSHEDLE PPPEHIPPPP RPPKRILEPH N



10% SDS-PAGE

PURITY: Greater than 95% determined by SDS-PAGE
SPECIFIC ACTIVITY: 10.000 Units/mg
One unit will hydrolyze 1 nanomole of p-nitrophenylphosphatate per minute at pH 7.4 at 37°C using 10mM of substrate
MOLECULAR WEIGHT: 37.312 kDa (321 amino acids)
PRESENTATION: Purified, in 25 mM Tris-HCl, pH7.5, 2 mM β-mercaptoethanol, 1 mM EDTA, 1mMDTT,20%Glycerol
STORAGE/STABILITY: -20°C (aliquot), Avoid repeated freeze and thaw cycles.

Reference:

Chernoff, J., et al. (1990) Proc. Natl. Acad. Sci. USA **87**: 2735-2739

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