

# Product Datasheet

## Recombinant Human PTP1B/PTPN1 Protein NBC1-18381

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBC1-18381****Recombinant Human PTP1B/PTPN1 Protein**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	25 mM Tris-HCl buffer (pH7.5), 2 mM beta-mercaptoethanol, 1 mM EDTA, 1 mM DTT, 20% glycerol
<b>Target Molecular Weight</b>	37.3 kDa

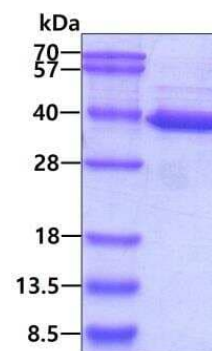
<b>Product Description</b>	
<b>Description</b>	<p>An un-tagged recombinant protein corresponding to the amino acids 1-321 of Human PTP1B/PTPN1</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MEMEKEFEQI DKSGSWAAIY QDIRHEASDF PCRVAKLPMN KNRNRYRDVS PFDHSRIKLH QEDNDYINAS LIKMEEAQRS YILTQGPLPN TCGHFWEMVW EQKSRGVVML NRVMEKGSLLK CAQYWPQKEE KEMIFEDTNL KLTLISEDIL SYTYVRQLEL ENLTTQETRE ILHFHYTTWP DFGVPESPAS FLNFLFKVRE SGSLSPHEGP VVVHCSAGIG RSGTFCLADT CLLMDKRKD PSSVDIKKVL LEMRKFRMGL IQTADQLRFS YLAVIEGAKF IMGDSSVQDQ WKELSHEDLE PPPEHIPPPP RPPKRILEPH N</p>
<b>Gene ID</b>	5770
<b>Gene Symbol</b>	PTPN1
<b>Species</b>	Human
<b>Details of Functionality</b>	Specific activity is > 10,000 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 37C.

<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Enzyme Activity
<b>Recommended Dilutions</b>	SDS-Page, Enzyme Activity



## Images

SDS-Page: Recombinant Human PTP1B/PTPN1 Protein [NBC1-18381] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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