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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Data Sheet

PTP σ (PTPRS)

Human, recombinant, N-terminal GST tag

Catalog #: 30045

Lot #: 131002-G2

Conc.: 0.1 mg/ml

Formulated in: 40 mM Tris-HCl pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 16 mM Glutathione, 3 mM DTT and 20% glycerol.

Stability: >6 months at -80°C . *Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).*

References:

1. Forrest, A.R., *et al.*, *Genome Biol.* 2006;**7**(1):R5.
2. Muise, A, *et al.*, *Expert Rev Mol Diagn.* 2008 Jul;**8**(4):465-77.

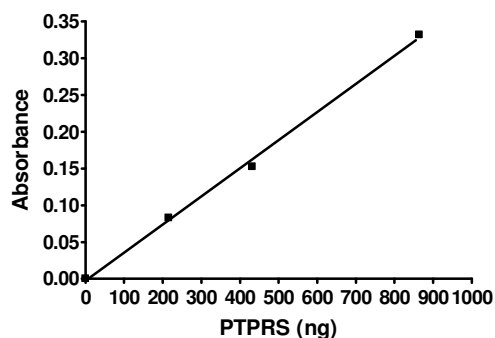
Description: Human PTPsigma, also known as PTPRS, (GenBank Accession No. BC1048212) a.a. 883-end, with N-terminal GST-tag, MW = 98 kDa, expressed in an *E. coli* expression system.

Specific Activity: 200 pmol/min/ μg
 Assay buffer: 20 mM HEPES, pH 7.2, 2 mM EDTA, 1 mM DTT, and 25 mM pNPP. Assay was done at room temperature for 30 minutes, and monitored continuously at Abs405 nM. ϵ of pNPP = $18,000 \text{ M}^{-1}\text{cm}^{-1}$

Application: Useful for the study of enzyme kinetics, screening inhibitors,

Quality Assurance

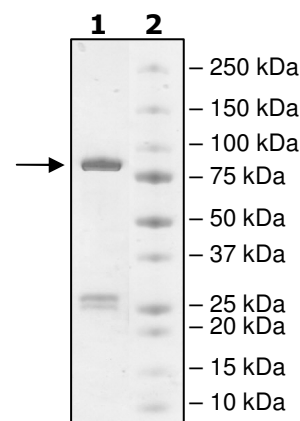
Specific Activity



**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
2 μg PTPRS
Lane 2:
Protein Marker

MW: 98 kDa
Purity: $\geq 60\%$



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