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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTPRS (Human) Recombinant Protein (P01)

Catalog Number: H00005802-P01

Regulation Status: For research use only (RUO)

Product Description: Human PTPRS full-length ORF (AAH29496, 31 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

EPFRFIKEPKDQIGVSGGVASFVCQATGDPKPRVTWN
KKGKKVNSQRFETIEFDESAGAVLRIQPLRTPRDENVY
ECVAQNSVGEITVHAKLTVLRGP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.52

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5802

Gene Symbol: PTPRS

Gene Alias: PTPSIGMA

Gene Summary: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic

transformation. This PTP contains an extracellular region, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this protein is composed of multiple Ig-like and fibronectin type III-like domains. Studies of the similar gene in mice suggested that this PTP may be involved in cell-cell interaction, primary axonogenesis, and axon guidance during embryogenesis. This PTP has been also implicated in the molecular control of adult nerve repair. Four alternatively spliced transcript variants, which encode distinct proteins, have been reported. [provided by RefSeq]