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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTPRA (Human) Recombinant Protein (P01)

Catalog Number: H00005786-P01

Regulation Status: For research use only (RUO)

Product Description: Human PTPRA full-length ORF (AAH27308.1, 1 a.a. - 793 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MDSWFILVLLGSLICVSANNATTVAPSVGITRLINSST
AEPVKEEAKTSNPTSSLTSLSVAPTFSPNITLGPTYLTT
VNSSSDSNGTTRTASTNSIGITISPNGTWLPDNQFTDA
RTEPWEGNSSTAATTPETFPSPDETPIIIVMVALSSLL
VIVFIIIVLYMLRFKQKQAGSHSNFRLSNGRTEDVEP
QSVPLLARSPTNRKYPPLPVDKLEEEINRRMADDNKL
FREEFNALPACPIQATCEAASKEENKEKNRYVNILPYD
HSRVHLTPVEGVPDSYINASFINGYQEKNKFIAAQGP
KEETVNDFWRMIWEQNTATIVMVTNLKERKECKCAQY
WPDQGCWTYGNIRVSVEDVTVLVDYTVRKFCIQQVG
DMTNRKPQRLITQFHFTSWPDFGVPFTPIGMLKFLKKV
KACNPQYAGAIVVHCSAGVGRGTGFVVIDAMLDMMHT
ERKVDVYGFVSRIRAQRQCMVQTDQMYYVFIYQALLEH
YLYGDTELEVTSLEHLQKIYNKIPGTSNNGLEEEFKKL
TSIKIQNDKMRTGNLPANMKNRVLQIIPYEFNRVVIIPVK
RGEENTDYVNASFIDGYRQKDSYIASQGPLLHTIEDFW
RMIWEWKSCSIVMLTELEERGQEKCAQYWPSDGLVS
YGDITVELKKEEECESYTVRDLLVTNTRENKSRQIRQF
HFHGWPEVGIPSDGKGMISIAAVQKQQQSGNHPITV
HCSAGAGRTGTFCALSTVLERVKAEGILDVFQTVKSLR
LQRPHMVQTLEQYFCYKVVQEYIDAFSDYANFK

Theoretical MW (kDa): 112.97

Interspecies Antigen Sequence: Mouse (92); Rat (95)

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: 5786

Gene Symbol: PTPRA

Gene Alias: HEPTP, HLPR, HPTPA, HPTPalpha, LRP, PTPA, PTPRL2, R-PTP-alpha, RPTPA

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 domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. This PTP has been shown to dephosphorylate and activate Src family tyrosine kinases, and is implicated in the regulation of integrin signaling, cell adhesion and proliferation. Three alternatively spliced variants of this gene, which encode two distinct isoforms, have been reported. [provided by RefSeq]