

# Receptor-type tyrosine-protein phosphatase gamma (PTPRG) Recombinant Protein | PTPRG recombinant protein

Recombinant Chicken Receptor-type tyrosine-protein phosphatase gamma (PTPRG), partial

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA117627</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

## PRODUCT SYNONYMS

Receptor-type tyrosine-protein phosphatase gamma (PTPRG); Recombinant Chicken Receptor-type tyrosine-protein phosphatase gamma (PTPRG); partial; PTPRG recombinant protein

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                              |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                     |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                              |
| Sequence Positions      | 822-1098. Partial                                                                                                                                                                                                                                                                                             |
| Sequence                | QHGFSEDFEE VQRCTADMNI TAEHSNHPDN KHKNRYINIL AYDHSRVKLR PLPGKDSKHS DYINANYVSG YNKAKAYIAT QGPLKSTFED FWRMIWAQHT GIIVMITNLV EKGRRKCDQY WPTENSEEYG NIIVTLKSTN IHACYTVRPL HGQEHKDEKG SERKPKGRQN ERTVIQYHYT QWPDMGVPEY ALPVLTFVRR SSAARTPHMG PVVHCSAGV GRTGTIYID SMLQIKDKS TVNVLGFLKH IRTQRNYLVQ TEEQYIFIHD ALLEAIL |
| Species                 | Chicken                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                           |

## ADDITIONAL INFORMATION

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| Related Product Information for PTPRG recombinant protein | This protein 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 possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this PTP contains a carbonic anhydrase-like (CAH) domain, which is also found in the extracellular region of PTPRBETA ZETA. This gene is located in a chromosomal region that is frequently deleted in renal cell carcinoma and lung carcinoma, thus is thought to be a candidate tumor suppressor gene. |
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## NCBI AND UNIPROT INFORMATION

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|----------------------------|--------------------------------------------------|
| NCBI GI #                  | <a href="#">6093855</a>                          |
| UniProt Accession #        | <a href="#">Q98936</a>                           |
| Molecular Weight           | 159,767 Da                                       |
| NCBI Official Full Name    | Receptor-type tyrosine-protein phosphatase gamma |
| UniProt Protein Name       | Receptor-type tyrosine-protein phosphatase gamma |
| UniProt Gene Name          | <b>PTPRG</b>                                     |
| UniProt Synonym Gene Names | Protein-tyrosine phosphatase gamma; R-PTP-gamma  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ptprg-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117627>