

Product datasheet for **SC215498**

PTP gamma (PTPRG) (NM_002841) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTP gamma (PTPRG) (NM_002841) Human 3' UTR Clone
Symbol:	PTP gamma
Synonyms:	HPTPG; PTPG; R-PTP-GAMMA; RPTPG
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002841
Insert Size:	2000 bp



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Insert Sequence: >SC215498 3'UTR clone of NM_002841
 The sequence shown below is from the reference sequence of NM_002841. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGCTGAGAGCATGGAGTCCCTAGTGTGACTGGAATCCTGAAAGGGCACTTAATTTGTAAACTTCTGA
AGACTGAGAACTTTTTGAGGCCTTTTTGCCAGACTCTAGTTATACAATAACCCAGTTACTTTTTTA
CACTGATAAAAAGTTTTGATATTTATTTTTGCCATTTTATGTCTTAATGGTATCCTACTGAGCATTGTC
ACCTCTGTTCAATTCACACAGTGAACGCAATTTACCTAGTTTGCCTATATGATCAGTGTACTGCC
TATAATCTTATACAACAGCAAACCTGATGTGACATTCCATGACGACATACATGCTACTTTTTTTAGT
TCAATACAGTGAAGGTCTTTGTTATGACAGTGAATATTGCTTTTATTATTATTGCTGAAGTGGTTG
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ATACTGTATGCCTTCTGTATTTAATGGAGTGGATAGCATTGTTTTCTTTACAGACTAGCAGGCTACT
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TAAGAAGTTAGAAGGCTAAGAAGTCTTCATGTGAACATCCCTTATTAGTTACAAGTTATATTACA
GTTTTTAAAAATGTGTCAAAATAAAGGATAACTCTGTATTACAGCTTTCACAGTAGCTATGTGGACAA
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ATACATAGATTTAACAACATGGAATACTCTGCTTTTCAAGAGCTGCGTAAGCTAGTCTGAGATAAGAT
GTTCAAGAGAGCATGCTAAGTTGCATGTGCTAGATGAGAGACACCTTTACAGCCCCTCCGCTCCAACCA
GAGGTGACACAGGAAGCTCTGTAAAGTTCAAGTAAAGCTTGAACACAGGAACACTACAACCTGCCAGAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_002841.4](#)

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 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. [provided by RefSeq, Jul 2008]

Locus ID:

5793

MW:

77.5