*h*PTPRT/PTP rho VersaClone cDNA

Catalog Number: RDC2265

Specifications:

Gene:	*h*PTPRT
Accession:	NP_573400
Insert size:	4396bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

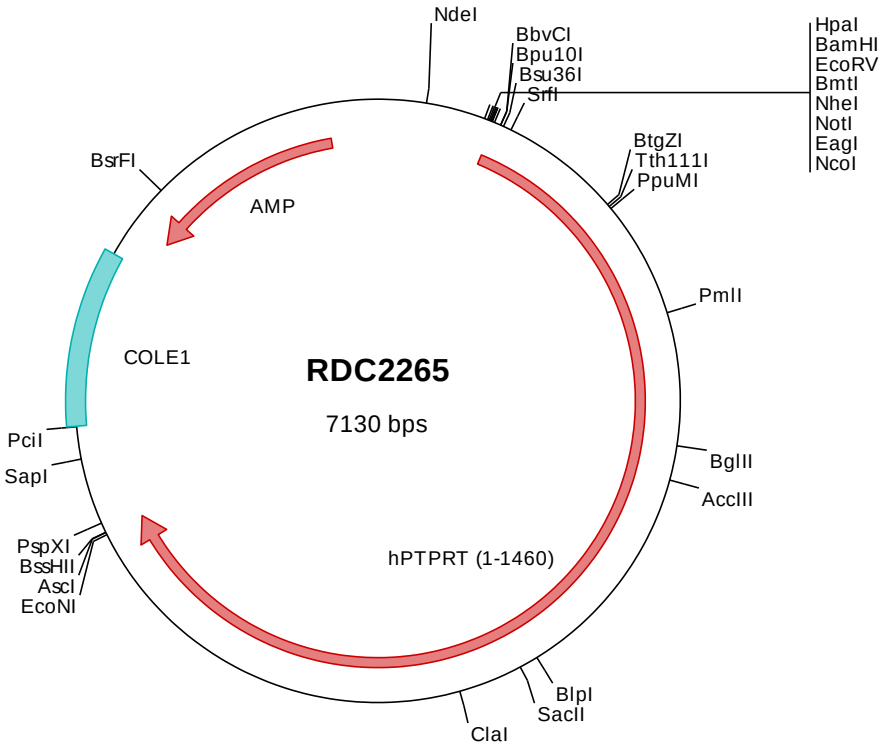
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*PTPRT/PTP rho cDNA Plasmid

PTPRT protein tyrosine phosphatase, receptor type T [*Homo sapiens* (human)]

Also known as: RPTPrho

Summary:
PTPRT 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. PTPRT is present in many tissues, including brain, heart, lung, and colon.



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NOT FOR USE IN HUMANS

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> RDC2265 Plasmid DNA Sequence

```
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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggcgagcc tcgccgcgct cgccctcagc ctgctcctga ggctgcagct
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 701  ctggccagaa ggcccacctt ctcctgccaa ccctgaagga gaatgacacc cactgcatcg acttccatta ctacttctcc agccgtgaca ggtccagccc
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2001  gctctacgag atcaactaca aggctgtcgg ctcgctggac ccaagtgctg acctctcgag ccagaggggg aaagtgttca agctccggaa tgaaacccac
2101  cacctctttg tgggtctgta cccagggacc acctattcct tcaccatcaa ggccagcaca gcaaagggct ttgggccccc tgtcaccact cggattgcca
2201  ccaaaatttc agctccatcc atgcctgagt acgacacaga caccccattg aatgagacag acacgaccat cacagtgatg ctgaaacccg ctcagtcccg
2301  gggagctcct gtcagtgttt atcagctggt tgtcaaggag gagcgacttc agaagtcacg gagggcagct gacattattg agtgcttttc ggtgcccgtg
2401  agctatcgga atgcctccag cctcgattct ctacactact ttgctgctga gttgaagcct gccaacctgc ctgtcaccca gccatttaca gtgggtgaca
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> RDC2265 Translated Insert Sequence

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