

## Product datasheet for SC207422

### PTP alpha (PTPRA) (NM\_002836) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PTP alpha (PTPRA) (NM\_002836) Human 3' UTR Clone  
**Symbol:** PTP alpha  
**Synonyms:** HEPTP; HLPR; HPTPA; HPTPalph; LRP; PTPA; PTPRL2; R-PTP-alpha; RPTPA  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_002836  
**Insert Size:** 566 bp  
**Insert Sequence:** >SC207422 3'UTR clone of NM\_002836  
 The sequence shown below is from the reference sequence of NM\_002836. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC
GCATTCTCAGATTATGCCAACTTCAAGTAA GCGGCAACAAGGGTCCGTGGACCAGGAGGATTGCCTTTA
ATATTTTGTAAATATTCTGTTTTGTTAATATACCCCAAATTGTGTATATATCTTATAACTGTTTTAGAAA
TTGGTACATAGGCTTCTATTACCTATTAGGTGGAATTTTATATGTAATGTGTTAGCACTGATAGTCC
TTTTTCCAATGTTTTATTGGGGAATTAATAGTGTGATGTTGGATTGATATCGTGAAATCCTCAGCCG
AGAAATTGGGCTGGATTGTGCTTTGGTTAATACATCTTTCCCTAAAGAAGATAAACACAAAATCCATTC
CAGGTAGCTCGGCACCACTAAGAAAAAAGCACAAAGTTCTCAGAGCTCTCGAGGAAAGTGTTGTCC
CCGTACCACCATGCACTGTAATATCCCTCCCCTCTCCTGGTCCCCTCCCCATCCCCACCACTGA
TATCATGGGGAGTAATAGGACCAGAGCGGTATCTCTGGCACCACACTAGGGACTATCAGGTAATAAAAAG
CTTTGACTCCCTGA
ACGCGT AAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul  
**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).



<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_002836.4</a>
<b>Summary:</b>	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, Jul 2008]
<b>Locus ID:</b>	5786
<b>MW:</b>	21.6