

Product datasheet for **SC213977**

GLEPP1 (PTPRO) (NM_002848) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GLEPP1 (PTPRO) (NM_002848) Human 3' UTR Clone
Symbol:	GLEPP1
Synonyms:	GLEPP1; NPHS6; PTP-OC; PTP-U2; PTPROT; PTPU2; R-PTP-O
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002848
Insert Size:	2000 bp



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Insert Sequence: >SC213977 3'UTR clone of NM_002848
 The sequence shown below is from the reference sequence of NM_002848. 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
GTCATATACGAGAATGTTAGCAAGTCCTAGTTCAGAATCCGGAGCAGAGAGGACATGATGTGCGCCCAT
CCTCCCTTGCTTCCAGATTGTTTTAGTGGGCCCTGATGGTCATTTTTCTAAACAGAGGCCCTGCTTTGT
AATATGTGGCCAAGGAGATAATTTATCTCACAGAAGCACCGGAAAGACTTAGCCTTAAAGAGCCTACAG
TGTCTTTTGGACTCTTTCACCTCGGGACATTTAATAATGGACAAATCAACAGAACACCAGGAAGGT
CAAGACGCTCTCCAAAGGCAGGAAGTACAGCACTTCCGAAGAGTTTAGTTGGCCCTTTGCTGGTTGGG
CTGAGTTTTTTATTTTTAAGTGTGTTTTTTCAGTGAATAATTTTTGTGTGTGTGATTCTTATCAG
AAAGTTGAATTGTTTTCTGCCTACACCGTTCATCAGCCCATAACCCAGGAAGGAACAGGCATTGTTAG
CATCAGATTATACCTCATTATTTAAAGGAGGCATGGCCACACATGAAGAAATGGTCATTCTACTTCAA
GAAATTGAGCCAGCACTATCTGTACTCCAACTACCCGATCTGGATTGGGGAGGTTGGTCAGGGGAAGA
GAGGGTCTACCCACAGATCAACTGTGTAATCTTTACTATTCAAGCTATAATTCAGCTCAAAGTAG
AGTAGAAAAAAATGCTTAACTGTTCTAGTCTTGATGGTTTTCTTCCTATTAACAGTTGGTGTGTT
CTTCTTGGCCCTTTGGACTAATGTTACTGTCCAAGTCTTTCTCAAGAAACCACATCTGGTTCAGAA
GAGTGTCAAGTTGGACTCTTTGAACTCTGTTGCTGTCTGAGCAATCGTGGTGCCTAGACTTTGCATTCC
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GTTGAAAGTAAACACAAGCTGGCTGCTTCCCTGTGGCAACTGTGGCTATTGTGAGCCTCCGTGTGTGTG
CTTCCAGGAGGCTTTGCTCCTTTCATGCACCCGACACTGCCCTTCCCTGGCTTCCCTCCATCCCTGA
TCATCTTCATGAAGCCACAGATATAAGATCAGCTTAATATTTTATCAGTGACCTTAGTGTGGTGAAGG
ATGCCAAATGAACAGCTCTGCACCCACCGTCTCTTGTCACTGAAAAGGCTTGGCCATGGCAGACCTTG
GCAGAGTTTCTTGAAGATCTGGCCAGTGAAGTCTCAGTTTCACCTTGCAGGGTGAATGGCAGAGGATGC
CCATACCTGCAGGTTAACAGCTTGGGCTCCTCAGGGGTTGTGAGTTCCCTACTCACCTCCCTGCTACCA
CCTCCTCCTCTTCTTCTACCCCGACTCCTTTATTTCCCTTTTTGGACATTTTAAATGTGTGCGCAC
CATTCTCAGGAACAAACATGGTTAATGAAAGGTGGCAAAGGGATGTGTGACATTCTTAGATTTTACAC
ATGGGCAGTCAGGAGTGAATGTGCAACCTTGAAGAGCTGATACAATGTATGGTAAAGCTGAAGTACGT
TTCCAACACTGCTGCTCAGAGCATACAGAAGTTTTGCATCCTGGAACATTGCTTCCCATGAAACAAAG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_002848.4](#)

Summary:

This gene encodes a member of the R3 subtype family of receptor-type protein tyrosine phosphatases. These proteins are localized to the apical surface of polarized cells and may have tissue-specific functions through activation of Src family kinases. This gene contains two distinct promoters, and alternatively spliced transcript variants encoding multiple isoforms have been observed. The encoded proteins may have multiple isoform-specific and tissue-specific functions, including the regulation of osteoclast production and activity, inhibition of cell proliferation and facilitation of apoptosis. This gene is a candidate tumor suppressor, and decreased expression of this gene has been observed in several types of cancer. [provided by RefSeq, May 2011]

Locus ID:

5800

MW:

76.6