

Product datasheet for **SC208332**

PTPN13 (NM_080683) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTPN13 (NM_080683) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PTPN13
Synonyms:	FAP-1; hPTP1E; PNP1; PTP-BAS; PTP-BL; PTP1E; PTPL1; PTPLE
ACCN:	NM_080683
Insert Size:	640 bp
Insert Sequence:	>SC208332 3'UTR clone of NM_080683 The sequence shown below is from the reference sequence of NM_080683. 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
CAAAAACAGCAGCCTCAGCTTCTGAAGTGCATGAAAAGAGCCTCTGGATGCATTTCCATTTCTCTCCT
TAACCTCCAGCAGACTCCTGCTCTATCCAAAATAAAGATCACAGAGCAGCAAGTTCATACAACATGC
ATGTTCTCCTCTATCTTAGAGGGGTATTCTTCTGAAAATAAAAAATATTGAAATGCTGTATTTTTACA
GCTACTTTAACCTATGATAATTATTTACAAAATTTAACACTAACCAAACAATGCAGATCTTAGGGATG
ATTAAAGGCAGCATTGATGATAGCAGACATTGTTACAAGGACATGGTGAAGTCTATTTTTAATGCACCA
ATCTTGTTTATAGCAAAAATGTTTTCCAATATTTAATAAAGTAGTTATTTTATAGGGGATACTTGAAA
CCAGTATTTAAGCTTTAATGACAGTAATATTGGCATAGAAAAAGTAGCAAATGTTTACTGTATCAAT
TTCTAATGTTTACTATATAGAATTTCTGTAATATATTTATATACTTTTTCATGAAAATGGAGTTATCA
GTTATCTGTTTACTGATCATCTGTTTGAATCATTATCTCACTTTGTAATAAAAAACACACCTTA
AAACATGAACAAGCCAAAA
ACGCGTAAGCGCGCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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_080683.3](#)

Summary: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP is a large intracellular protein. It has a catalytic PTP domain at its C-terminus and two major structural domains: a region with five PDZ domains and a FERM domain that binds to plasma membrane and cytoskeletal elements. This PTP was found to interact with, and dephosphorylate, Fas receptor and IkappaBalpha through the PDZ domains. This suggests it has a role in Fas mediated programmed cell death. This PTP was also shown to interact with GTPase-activating protein, and thus may function as a regulator of Rho signaling pathways. Four alternatively spliced transcript variants, which encode distinct proteins, have been reported. [provided by RefSeq, Oct 2008]

Locus ID: 5783

MW: 24.8