

Product datasheet for SC208333

PTPN13 (NM_080685) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTPN13 (NM_080685) Human 3' UTR Clone
Symbol:	PTPN13
Synonyms:	FAP-1; hPTP1E; PNP1; PTP-BAS; PTP-BL; PTP1E; PTPL1; PTPLE
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_080685
Insert Size:	640 bp
Insert Sequence:	<p>>SC208333 3'UTR clone of NM_080685</p> <p>The sequence shown below is from the reference sequence of NM_080685. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CAAAAACAGCAGCCTCAGCTTCTGAAGTACATGAAAAGAGCCTCTGGATGCATTTCATTTCTCTCCT
TAACCTCCAGCAGACTCTGCTCTCTATCCAAAATAAAGATCACAGAGCAGCAAGTTCATACAACATGC
ATGTTCTCCTCTATCTTAGAGGGGTATTCTTCTTGAAAAATAAAAAATATTGAAATGCTGTATTTTACA
GCTACTTTAACCTATGATAATTATTTACAAAATTTTAACACTAACCAACAATGCAGATCTTAGGGATG
ATTAAAGGCAGCATTTGATGATAGCAGACATTGTTACAAGGACATGGTGAGTCTATTTTAAATGCACCA
ATCTTGTTTATAGCAAAAATGTTTTCCAATATTTTAATAAAGTAGTTATTTTATAGGGGATCTTGAAA
CCAGTATTTAAGCTTTAAATGACAGTAATATTGGCATAGAAAAAGTAGCAAAATGTTTACTGTATCAAT
TTCTAATGTTTACTATATAGAATTTCTGTAAATATTTTATATACTTTTTCATGAAAATGGAGTTATCA
GTTATCTGTTTGTACTGCATCATCTGTTGTAATCATTATCTCACTTTGTAAATAAAACACACCTTA
AAACATGAACAAGCCAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).


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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_080685.3
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