

Product datasheet for SC213271

DEP1 (PTPRJ) (NM_001098503) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DEP1 (PTPRJ) (NM_001098503) Human 3' UTR Clone
Symbol:	DEP1
Synonyms:	CD148; DEP1; HPTPeta; R-PTP-ETA; SCC1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001098503
Insert Size:	1235 bp
Insert Sequence:	>SC213271 3'UTR clone of NM_001098503 The sequence shown below is from the reference sequence of NM_001098503. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
TCTCGGACAGTTTGAATAGAAGTGATGATTTGAACACCTGCCTGGAATCCATCATCTGAAACAGAG
TTGGCAGATAAGAATGGCCCTATGCCAAATTTGGCTCATTGTCTGTTTTGTAATAAAGTTTTATTG
GATCACAGCCATGTTTATTGCTTATGTACTGTCTATGGCTACTTTGGTCTAGAATTGAGTAGTGGCA
GCAGAGAACGTGTGGCTTGTGAAGCCTGAGATATTTATTTCTGGCCATTACAGAGAATGTTTGCTGAC
CTCTGGGCTAGATCAGTGGTTTTCAAATTGTGGTCCAGGGCTCTCTAGGGATCCCTAGGTTCTTTCAAG
GGGTCTCCAAGGTAGTATTATCATAACAATACTAAAATGTTATTTGGCTTTTTTATTCTCATTCTCTTT
TGGAGTTTTCCAACCTTGATCCGATATGGGATGACATTGTCTCTCAGGTCTAATGGAATATATGCTGTG
GATTCTTACATTTTAAAAATTTCTTCAATTTTAAATCCCTGATATAGTAAATATTAATAAATAACCTA
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AGTCTTTTCTAAACAACACTGTGATGAGATACTTTGTTAGTCTAGAAGGCTAATTGAAATGATAAAA
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TTGCTTTGGCCCAACAGTTGCAGACTAGCACCAGCCTGGGAGACCCTGTCTCAAAAAAAAAATTTTTTTTT
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TAATGTTTATTGTTGTTTTAAAAATTTGAAATAATTGTTTTTTGGAAAGGTTGAAAAACATACAGT
CTTCTTGATCTAAGATTCAAGATAGTTGAAATCTTTTATACAGAGGTTAGAATAAAGATATACCTAAT
GTAATGATGAGTTAATGGGTGCAGCACACCAACATGGCAGATGTATACATATGTAACAAACCTGCACG
TTGTGCAGATGTACCCTAGAAGTAAAGTATAATAAAAAACATATATATATATAAAAGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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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).
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_001098503.2
Summary:	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 possesses an extracellular region containing five fibronectin type III repeats, a single transmembrane region, and a single intracytoplasmic catalytic domain, and thus represents a receptor-type PTP. This protein is present in all hematopoietic lineages, and was shown to negatively regulate T cell receptor signaling possibly through interfering with the phosphorylation of Phospholipase C Gamma 1 and Linker for Activation of T Cells. This protein can also dephosphorylate the PDGF beta receptor, and may be involved in UV-induced signal transduction. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	5795
MW:	47