

Product datasheet for SC201270

PTPN22 (NM_012411) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTPN22 (NM_012411) Human 3' UTR Clone
Symbol:	PTPN22
Synonyms:	LYP; LYP1; LYP2; PEP; PTPN8; PTPN22.5; PTPN22.6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012411
Insert Size:	1148 bp
Insert Sequence:	>SC201270 3'UTR clone of NM_012411 The sequence shown below is from the reference sequence of NM_012411. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AGGAATCCACCACCAACTTGAATATTAACTCCAGATTATAATAATATGGGCTGCAAGTACA
CCTGCAATAAACTACTAGAACTGCTAGTTAAATAAGTGCTCTATATGCATAATATCAAATATGA
AGATATGCTAATGTGTTAATAGCTTTTAAAGAAAAGCAAAATGCCAATAAGTGCCAGTTTTCATTTT
CATATCATTTGCATTGAGTTGAAAAGTCAAAATAAAGTTTGCACTTGAGCTTATGTACAGAATGCTA
TATGAGAAACACTTTTAGAATGGATTTATTTTCATTTTGCCAGTTATTTTATTTTCTTTACTTTT
CTACATAAACATAAACTTCAAAAGGTTTGTAAAGATTGGATCTCAACTAATTTCTACATTGCCAGAATA
TACTATAAAAAAGTTAAAAAACTTACTTTGTGGGTTGCAATACAACTGCTCTTGACAATGACTAT
TCCCTGACAGTTATTTTGCCTAAATGGAGTATACCTTGTAATCTTCCCAAATGTTGTGGAAAAGTGG
AATATTAAGAAAATGAGAAATTATTTATTAGAATAAAATGTGCAAAATATGACAATTTTGAATGT
AACAAGGAATTCAACTGAAATCCTGATAAGTTTTAACCAAGTCATTAATACCAATTCTAGAAAAGT
AATCAATGAAATATAATAGCTATCTTTTGGTAGCAAAAGATATAAATTGTATATGTTTATACAGGATCT
TTCAGATCATGTGCAATTTTATCTAACCAATCAGAAATACTAGTTTAAATGAATTTCTATATGAATA
TGGATCTGCCATAAGAAAATCTAGTTCAACTCTAATTTTATGTAGTAAATAAATTGGCAGGTAATTGTT
TTTACAAAGAATCCACCTGACTTCCCTAATGCATTAATAATTTTATTTTAAATAACTTTATTTATA
ACTTTTAGAAACATGTAGTATTGTTTAAACATCATTTGTTCTTCAGTATTTTTCATTTGGAAGTCCAAT
AGGGCAAATTGAATGAAGTATTATTATCTGTCTTGTAGTACAATGTATCCAACAGACACTCAATAAA
CTTTTGGTTGTTAACTGAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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:	<u>NM_012411.5</u>
Summary:	This gene encodes of member of the non-receptor class 4 subfamily of the protein-tyrosine phosphatase family. The encoded protein is a lymphoid-specific intracellular phosphatase that associates with the molecular adapter protein CBL and may be involved in regulating CBL function in the T-cell receptor signaling pathway. Mutations in this gene may be associated with a range of autoimmune disorders including Type 1 Diabetes, rheumatoid arthritis, systemic lupus erythematosus and Graves' disease. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Mar 2009]
Locus ID:	26191
MW:	45.8