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Product datasheet for SC206117

Carboxypeptidase B2 (CPB2) (NM_016413) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Carboxypeptidase B2 (CPB2) (NM_016413) Human 3' UTR Clone
Symbol:	Carboxypeptidase B2
Synonyms:	CPU; PCPB; TAFI
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016413
Insert Size:	483 bp
Insert Sequence:	>SC206117 3'UTR clone of NM_016413 The sequence shown below is from the reference sequence of NM_016413. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGAAGCTTTTGCCGCTGTCTCTAAAATAGCTTGGCATGTCATTAGGAATGTTTAATGCCCCTGATTTT ATCATTCTGCTTCCGTATTTTAATTTACTGATTCCAGCAAGACCAAATCATTGTATCAAATTATTTTTA AGTTTTATCCGTAGTTTTGATAAAAGATTTTCCTATTCCTTGGTTCTGTCAGAGAACCTAATAAGTGCT ACTTTGCCATTAAGGCAGACTAGGGTTCATGTCTTTTTACCCTTTAAAAAAAATTGTAAAAGTCTAGTT ACCTACTTTTTCTTTGATTTTCGACGTTTGACTAGCCATCTCAAGCAAGTTTCGACGTTTGACTAGCCA TCTCAAGCAAGTTTAATCAATGATCATCTCACGCTGATCATTGGATCCTACTCAACAAAAGGAAGGGTG GTCAGAAGTACATTAAAGATTTCTGCTCCAAATTTTCAATAAATTTCTGCTTGTGCCTTTAGAAATACA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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.

View online »

RefSeq: NM_016413.3

Summary: Carboxypeptidases are enzymes that hydrolyze C-terminal peptide bonds. The carboxypeptidase family includes metallo-, serine, and cysteine carboxypeptidases. According to their substrate specificity, these enzymes are referred to as carboxypeptidase A (cleaving aliphatic residues) or carboxypeptidase B (cleaving basic amino residues). The protein encoded by this gene is activated by trypsin and acts on carboxypeptidase B substrates. After thrombin activation, the mature protein downregulates fibrinolysis. Polymorphisms have been described for this gene and its promoter region. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013]

Locus ID: 1361

MW: 18.5