

Product datasheet for **SC201200**

Pregnancy zone protein (PZP) (NM_002864) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Pregnancy zone protein (PZP) (NM_002864) Human 3' UTR Clone
Symbol:	Pregnancy zone protein
Synonyms:	CPAMD6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002864
Insert Size:	162 bp
Insert Sequence:	>SC201200 3'UTR clone of NM_002864 The sequence shown below is from the reference sequence of NM_002864. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC AGCACAGATACAGAGCATGGAAATGTT TGA GGACCATACAGGCTGTATATTTGGTGGATTCTCTGTCC TATACATTTACTTAGAAGGAATGGAGTTATTTGTCTCTATAAAAATAGACACTAAAAATATTTGCTGAAT AAATATGTA CTTCTGGTCAA ACTA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTT CGATTCCACCGCCGCTTCTATGAA AGG
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:	<u>NM_002864.3</u>



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Summary: The protein encoded by this gene is highly expressed in late-pregnancy serum and is similar in structure to alpha-2-macroglobulin. The encoded protein, which acts as a homotetramer, inhibits the activity of all four classes of proteinases. This protein contains cleavage sites for several proteinases. Upon binding of a proteinase, the conformation of this protein changes to trap the proteinase, limiting its activity. This protein appears to be elevated in the sera of presymptomatic Alzheimer's disease patients. [provided by RefSeq, Dec 2016]

Locus ID: 5858

MW: 6.4