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Product datasheet for SC217105

GPBP1 (NM_022913) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GPBP1 (NM_022913) Human 3' UTR Clone
Symbol:	GPBP1
Synonyms:	GPBP; SSH6; VASCULIN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022913
Insert Size:	1951 bp

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Insert Sequence:

>SC217105 3'UTR clone of NM_022913
The sequence shown below is from the reference sequence of NM_022913. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGTGATACATCAGATGACGACGATGTGTGAAGGATTTCCTAACAGCTTTAGAAATCTTAGTGTGATACA
TCTCTCATACAGTTTGGGGTGAATTGTAAAAATGAAGAACTATAATTTATGTAGTGAAATACCCCATTA
GAAGAGGATTTTTTGGGGGACTTCAATATGAAGAAAACCAAGAATGTTTTGTTGGGCTGTGTTGAACAT
TATTTCTTTGTAAATGAATGTTGTAGGAATGAGGACTTGGGTTGGTCCAACATTGACTTTCTTCATCAC
TGCAACATTTCTCTGACTAGCAATGTGACGATGTAACAAATGAGATTTTCTCATTTAATAATAAAAAAT
TGTGTAATGTTTTGCAAAGCTTCTGTCTTAAAATGTCCAGGTCTTAAGAAAAAAGGCAGCTTACACTGT
TTTGCTTGCAGAGTCATATCTTTTTCGTACAATGGAAATCCTCAAGTCCACTTTGTGCGGTCTCCCTCT
CCTTCCCCCAAAAAACAACAACAACAAAACAAAAACCAAAAAGGAAAATGTAGCATGTTGGCTAAAACT
GGAGCAAAGTGCACTAAAACAATTTCCTGAACTCACCTGTTGTACTATTCACCTTTTAAACCATAAATT
GCTCTTTAGCCATTTGTAGTGCAGTAAATGTTACAGGAAAAGACTTGGCACATTTTCTTCCAAATTTTA
AGAGGTGATTTTCAAAAGCTTTATTGGGGTATGTTGTCAGACCAGGGTTTTCAGAGTTGATGGAAAAGA
GTCTTGTGAGAAAACTTATTTTGATAAATTATTACACACGCAGAAAAACTGATCACACTGACTGGATCT
GTCCACGACATGGAAAATAAACTGGATTTTCAGAATATTGTTGTTTTCTGTAGTGTTCAAGGTATTGTT
TCTAAACATAAACATACTCTAAACATGCTTTATTCACTTGTTAAAGTCATACTTTTAAAAGTAATACCT
TACTAAAGATGGTGATTACTTTTCCGAGGTCAGAAAAGGAAAGCTAAGCGTTTTCATTATCAAATACAC
AAGCTTATTAAATGAATGACTGTTAACTACTTTATTTTCATTTGCACATTAATTTTGGAATTGTTTCTG
TTTTGCTGCTGACGGAAATACTATTTTGGCTCTGTGTATATTTGTATTTTGATTTTTCTGGTTTGTTTA
CCCCCATTTGCTTTTAGCTCCCCCTTATGTTTAAATATATTCTAACTTATGTAAAGAGCATAATCTTAG
AGCAAAAATACTTGAGGTTTTATGTCAGATCTAATCTTAAGTGTTTGTTGTTTTTTAAAAAGTGTTTTC
TCAGATGGCTGCAGTGTTTTTGCTATTTCTGCATAAATACCCTACCTGGACTCCCCAGTTTTCACCAGA
AACTGTTATTTTTTTTTGTTGTTGTTCCCACTGAGACTGATGGTGATGGGGAAATTAAAAACAACACAC
TAGCACACTCCCACAAAACTTGAGGAAGAGTTAGAATGGTAATAAAATATTAAATAGACCTTATACTTA
AAATAAGGTTTCACTATATAATTTGTCACAATTCAATCTAATCAGCTAAAGTTAAATGTAGTTAGAATT
AGCCACAGGAGAATGTAAAGCATGCTTTGACGAAGCTATCGGTAACACATATTGAATGTCTTTGAGACT
CTTAGATTGTACTATTTGCTTAATAGATTAATGAAATTTATCAGATACAACCTGTATTTCCAAAAACAA
GCTAGAAGGAACCTGAGGAATGTGGTTTACATTTGAGATCCACCTTACTGTGTTTTCTACTTTCAGAAA
AGATTCTGTAGTTTTGGTTTTTGGCATCTTTCTTATACTCAGTTTTTTCTGCCTTAATTCCCATTTACC
AGCAGTTAACTCATGTTTATTGTGCTTTCATGCATTGTGATATGGAATGTGTTTAGTAATTTACTCCTT
ATAAATATGGTAAAGTACA
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.

RefSeq: NM_022913.4

Summary:	This gene was originally isolated by subtractive hybridization of cDNAs expressed in atherosclerotic plaques with a thrombus, and was found to be expressed only in vascular smooth muscle cells. However, a shorter splice variant was found to be more ubiquitously expressed. This protein is suggested to play a role in the development of atherosclerosis. Studies in mice suggest that it may also function as a GC-rich promoter-specific trans-activating transcription factor. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011]
Locus ID:	65056
MW:	76.5