

Product datasheet for **SC112444**

S100P binding protein (S100BP) (NM_022753) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	S100P binding protein (S100BP) (NM_022753) Human Untagged Clone
Tag:	Tag Free
Symbol:	S100BPB
Synonyms:	S100PBPR
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022753, the custom clone sequence may differ by one or more nucleotides

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ATGATGTGCTCACGGGTGCCCTCTGAACAGTCTTCTGGTACCTCTCTTGCCTAAAGACGGTGCCCCAT
TTTCTTGGGATTCCTTGGATGAGGATGGATTGGATGACTCCTTGGTGGAGCTGTCAGAGGGAGAAGAAGA
TGATGGTGATGTAATTACACAGAGGAAGAGATTGATGCACTGTTGAAGGAAGATGACCCATCATATGAG
CAGTCTTCTGGGAAGATGATGGTGGGCATGTTGAGAAGGGAGAAAGAGGGAGTCAAATCTACTTGATA
CTCCCCGAGAGAAAAATTCATCGTACAGCCTGGGACCAGTAGCTGAGACTCCTGACCTCTCAAACCTACC
TCAGCTAAGTACATCAAGTGGTCATGGACCAGCTCATACTAAACCATTAACAGACGCTCTGACTAGAA
AAGAATCTTATAAAAGTAACTGTTGCACCATTTAATCCAACAGTTTGTGATGCTCTGCTTGATAAGGACG
AGACTGATTTCGTCCAAAGATACTGAAAACTCTTCCCTTGGAGAAGAGATGAGAGAAGATGGTCTTAG
CCCAAATGAAAGCAAACCTTTGACTGAATCTGAAGGGATCAGCCCAATAACTCTGCCTGGAATGGGCC
CAGCTCTTCTTCAAACAATAACTTTCAACAGACTGTCTCTGATAAAAAATGCCTGACAGTGAGAACC
CTACGTCTGTATTCTCTCGGATCTCAGACCATTCAGAGACTCCTAATATGGAGTTATCCTGCAGAAATGG
TGGTTCACACAAGTCAAGTTGTGAAATGAGATCTCTGGTTGTTCCACCTCATCAAACAACAGGATGTT
CTTAACAAGGATTCTGGGAAGATGAAAGGCCATGAGAGAAGACTAGGCAAAGTCATTCTGTTCTACAAA
CTAAGACCAGGACTAATGTTCCGACGTTTTACAGTCAAATCTAGAACAGCAGAAGCAGCTTTATCTCAG
GAGTGTCATTGCTCATATAGAAGACCCAGAGGACACTAACCAAGGTATCTCGGGGAGCTTTGTGCCTTG
ATGGATCAAGTTCATCATATGCAGCACTCAAATGGCAGCATCCTTCGGACCTCACCACGCGAAACTACG
CCCGCCGACAGAAACATCTGCAAAGATACAGTCTGACTCAGTGGGTTGACAGGAACATGCGAAGCCACCA
TCGGTTCAGCGTCTCCAGACTTCTCGTACAGTTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022753 unedited
TACTATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCAGGAGGCTTGCCCTA
AAGACGGTGCCCCATTTTCTTGGGATTCCTTGGATGAGGATGGATTGGATGACTCCTTGC
TGGAGCTGTCAGAGGGGAGAAGAAGATGATGGTATGTAATTACACAGAGGAAGAGATTG
ATGCACTGTTGAAGGAAGATGACCCATCATATGAGCAGTCTTCTGGGGAAGATGATGGTG
GGCATGTTGAGAAGGGGAGAAAGAGGGAGTCAAATCTACTTGATACTCCCGAGAGAAAA
ATTCATCGTACAGCCTGGGACCAGTAGCTGAGACTCCTGACCTCTCAAACCTACCTCAGC
TAAGTACATCAAGTGGTCATGGACCAGCTCATACTAAACCATTAACAGACGCTCTGTAC
TAGAAAAGAATCTTATAAAAGTAACTGTTGCACCATTTAATCCAACAGTTTGTGATGCTC
TGCTTGATAAGGACGAGACTGATTTCGTCCAAAGATACTGAAAACTCTCTCCCTTGGAG
AAGAGATGAGAGAAGATGGTCTTAGCCCAAATGAAAGCAAACCTTGTACTGAATCTGAAG
GGATCAGCCCAATAACTCTGCCTGGAATGGGCCCCAGCTCTCTCTCAAACATAAATT
TCAACAGACTGTCTGTNAAAATATGCCTGACAGTGAGAACCCTACGTCTGTATTCTC
TCGGATCTCAGACCATTAGAGACTCCCTATATGGAGCTATCCTGCAGAAATGGTGGTTT
CACACAGTCAAAGTGTGAAATGAGATCTCTGTTTGTTCACCTCATCCAACACACAGGA
TGTTCTTACAAAAGGATCCTGGNGAAGATGAAAGCCATGANAGAAAACCTANGCCAAGCCA
TTCTCTGGTCTACAACTAGACAGGACTAATGTTTCGACGTTTC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022753 unedited
AGAGTCGAGTTTTTTTTTTTTTTTTTCACTGACAAAAAACTTTTATTTCTTTTAAATGA
CATTAACACAACCTGCTACAAGGGAAAAAACATGATAAAGAGGAGGCACCAAACCTCAG
TTTCATAATTGAACTGACAACGCCAGTAAATCAGGGCCTGCATTCGAAACTACAGGTTA
TTTCAGGCTCCTTACTTGTAAAGTAAACAATGTAACAGCATATTTTACTCTGCTTTGTC
AAGACCCCATGGTGGGAATGTCGTCATGGATGAAGAAAGCAGTTAAATGCACCTAACAC
TTGCTTAAAAAATAATACAGCAAGAATTCAACTGCAATATTAGACTTAGAGGCCAATAC
CAAATATAAGAGATATGCAGCTTTGAAAAGAGATGAAAACCTCCAGATTCTACCCACTACC
ATCTTTAAGGCGAACATGCCAGATAATGAGTTTTCTTTGGCTTTGTTTTCTTCTTAA
GAATACCATGTTAACCACTAGAGAACAGCTCTCTCCTCCCCCAGTCCAACAGATNTAATT
AAGCTGCTAAAGCTTTGGAAAAACAGAATTATCTGAGCTAAGAGGAATGTGATTGCACAT
TTTCTAGTTACCTGCACTCATTGATTTGGCAAGGCAGTGCTCCTATTACCATTAGATC
TTAAACCCCTGTACAGGAGGCACGATTTAGATTTTGCCTAGCAAATCCTGCCCTTACTC
CTGGGTTTCTGTAGGACAAAATACAGTCCCTATGAAGTGAAGCTGCTTTTCACTACATT
AATTTACCTTGTGCCCCAAGTGGAGTTTGCAGTTCCTAACCTATTAAGCCANCT
GAAAATGACCATGTTAAATGCCAGGGTACTAAATAAAATTCCTCCGCCTTGAAGAAC
TCCCTTGACTGTGCCAATTAATAAAGTTAGAAAAAACCTGTGAAAAAGTAACCTGGA
CATCCTCATTGCGCTAAGACCCGTC

Restriction Sites:

ECORI-NOT

ACCN:

NM_022753

Insert Size:

4090 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_022753.1](#), [NP_073590.1](#)

RefSeq Size: 4370 bp

RefSeq ORF: 489 bp

Locus ID: 64766

UniProt ID: [Q96BU1](#)

Cytogenetics: 1p35.1

Gene Summary: This gene encodes a protein that was originally identified by its interaction with S100 calcium-binding protein P. Expression of this protein has been reported to be associated with pancreatic ductal adenocarcinoma. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2012]
Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 3 both encode the same protein.