

## Product datasheet for **SC323800**

### S100P binding protein (S100BPB) (NM\_022753) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	S100P binding protein (S100BPB) (NM_022753) Human Untagged Clone
Tag:	Tag Free
Symbol:	S100P binding protein
Synonyms:	S100PBPR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_022753.2  
 GTTCGCCAGGCTTTGGCCCGCTTCCGGAGGAAGGTGGGAGTCAATCATTTTGACAAGT  
 CTCCTGAAAGGAACAGCTAGCAGGAAGTAAACCTTTTCCATTTGGTCTCGTGGCAAAG  
 GCAGAGATTGCTCCAGCAGCTCCACACAAAATGATGTGCTCACGGGTGCCCTCTGAACAG  
 TCTTCTGGTACCTCTCTTGCCTAAAGACGGTGCCCATTTTCTGGGATTCTTGGAT  
 GAGGATGGATTGGATGACTCCTTGTGAGCTGTGAGAGGAGAAGAAGATGATGGTGT  
 GTAAATTACACAGAGGAAGAGATTGATGCACTGTTGAAGGAAGATGACCCATCATATGAG  
 CAGTCTTCTGGGAAGATGATGGTGGGCATGTTGAGAAGGGAGAAAGAGGGAGTCAAATT  
 CTACTTGATACTCCCGAGAGAAAAATTCATCGTACAGCCTGGGACCAGTAGCTGAGACT  
 CCTGACCTCTTCAAACCTCAGCTAAGTACATCAAGTGGTCATGGACCAGCTCATACT  
 AAACCATTAACAGAGCTCTGTACTAGAAAAGAATCTTATAAAAGTAACTGTTGCACCA  
 TTTAATCCAACAGTTTGTGATGCTCTGCTTGATAAGGACGAGACTGATTGTCCAAAGAT  
 ACTGAAAACTCTCTTCCCTTGGAGAAGAGATGAGAGAAGATGGTCTTAGCCCAAATGAA  
 AGCAAACCTTGTACTGAATCTGAAGGGATCAGCCCAATAACTCTGCCTGGAATGGGCC  
 CAGCTCTCTTCTCAAACAATAACTTTCAACAGACTGTCTCTGATAAAAAATGCCTGAC  
 AGTGAGAACCCCTACGTCTGTATTCTCTCGGATCTCAGACCATTGAGACTCCTAATATG  
 GAGTTATCCTGCAGAAATGGTGGTTCACACAAGTCAAGTTGTGAAATGAGATCTCTGGTT  
 GTTCCACCTCATCAAACAACAGGATGTTCTTAAACAAGGATTCTGGGAAGATGAAAGGC  
 CATGAGAGAAGACTAGGCAAAGTCAATTCCTGTTCTACAACTAAGACCAGGACTAATGTT  
 CCGACGTTTTTCAGTCAAATCTAGAACAGCAGAAGCAGCTTTATCTCAGGAGTGTGATT  
 GCTCATATAGAAGACCCAGAGGACACTAACCAAGGTATCTCGGGGAGCTTTGTGCCTTG  
 ATGGATCAAGTTCATCATATGCAGCACTCAAAATGGCAGCATCCTTCGGACCTCACCAGC  
 CGAAACTACGCCCGCAGAGAAACATCTGCAAAGATACAGTCTGACTCAGTGGGTTGAC  
 AGGAACATGCGAAGCCACCATCGGTTCCAGCGTCTCCAGACTTCTCGTACAGTTAATTT  
 GTGTCATCCCATCAGCAATGAAGTCCCTATCCAGGGTCTGCTTGGAGCAGCATTTTCAT  
 GTTCTTTTGTGTTTTGTGCTTTGCCGATTTTGGATTTTATTTTTCACAAAAATTTTATT  
 TAAAAAAGTCTGACCTTTTGGAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	ECoRI-NOT
<b>ACCN:</b>	NM_022753
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022753.2</a> , <a href="#">NP_073590.2</a>
<b>RefSeq Size:</b>	4317 bp
<b>RefSeq ORF:</b>	1227 bp
<b>Locus ID:</b>	64766
<b>UniProt ID:</b>	<a href="#">Q96BU1</a>
<b>Cytogenetics:</b>	1p35.1
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 3 both encode the same protein.</p>