

Product datasheet for SC303530

PRAX 1 (TSPOAP1) (NM_004758) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRAX 1 (TSPOAP1) (NM_004758) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSPOAP1
Synonyms:	BZRAP1; PBR-IP; PRAX-1; PRAX1; RIM-BP1; RIMBP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303530 representing NM_004758. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGCAACTGACAACCCTCCCACGGCCTGGGGACCCTGGAGCCATGGAGCCATGGGCACTGCCACC
TGGCATAGCTGGACTCCAGGTCGAGGGGTGAACCTAGCAGTGCAGCCCCAAGCATCGCTGATACTCCT
CCGGCAGCTCTGCAGTCAAGAAGTGAAGTCTGAGGAGAGTTCCAAGCCAAAGGAGACGGGAGCTCC
AGGCCCGTGGGGGAAGTACCCTGAAGGAGCAGAGGCTTGTCTGCCAGCCTGGCCAGCAAGCATCC
AGCTCTGGACCCGCTGCCAGAGGCCAGAGGATGAGGAAGTGGAGGCTTCTGAAGCCAAAGTGAAT
ATGAGCTTTGGGACAGGCCAATCTGGAGCTGCTGAGGGCCCTGGGGGAGCTGCGGCAGCGCTGTGCC
ATCCTTAAGGAGGAAAACAGATGCTGAGGAAGAGCAGCTTCCCTGAGACAGAAGAGAAGGTGCGGAGG
CTGAAGAGGAAGAAGCCGAGCTGGCGGTCATTGCCAAGCGCCTGGAGGAGAGGGCCGAAAGCTGCAG
GAAACGAACCTGAGGGTGGTGAAGTGCCTTGGCCCGCCGGGGACCAGCTTGGAGTTGTGTGGGAAG
GCCCTAGCCCGCCAGCGAGCCCGGGACCTCAGTGAAGCAGCCAGTGCAGTGTGGCAAGGACAAGCAG
ATTGCTGCCTTGCAGCGGGAGTGCAGGGAGTGCAGGCCAGGCTCACTCTGGTGGCAAGGAGGGTCCC
CAGTGGCTCCACGTGCGGACTTCGATCGGCTGCTGCGGAGTCCAGCGGGAGGTGCTGCGGCTGCAG
AGGCAGATCGCGCTGCGCAACCAGCGGGAGACGCTCCCGCTCCCGCGTCTTGGCCCCGGGCCCTGCT
CTCCAGGCCAGAGCAGGGGCGCTGCTCCCGGGCCCGGGAGAGGCCACGCCCCAGGAGGATGCGGAC
AACCTACCCGTGATTCTAGGGGAGCCAGAGAAAGAGCAGAGGGTGCAGCAGCTGGAATCGGAGCTCAGC
AAGAAGCGGAAGAATGCGAGAGCTGGAGCAGGAAGCCGGAAGAGCAGAGGGCATGTGAGGAGCTG
GAACTGCAGTGAACAAGCGCAGAATGAGAATGCCCGCCTGGTGGAGGAGAAGTCCCGGCTCAGTGGG
AGAGCCACAGAGAAGGAGCAGGTGGAGTGGGAGAATGCGGAGCTGAGGGGCCAGCTCCTGGGGGTGACA
CAGGAGAGGGACTCAGCCCTTCGCAAGAGCCAGGGCCTGCAGAGCAAGCTGGAGAGCCTGGAGCAAGTG
CTGAAGCACATGCGGGAGGTGGCCAGCGCGGCAGCAGCTGGAGGTGGAGCATGAACAGGCTCGGCTC
AGCCTACGGGAGAAGCAGGAGGAGTCCGAGACTGCAGCAGGCCAGGCTGAAGCCAGAGGGAACAT
GAAGGAGCGTGCAGCTGCTGGAGTCTACCTTGATTCCATGCAGGCCCGGGTTCGAGAGCTCGAAGAA
```



[View online »](#)

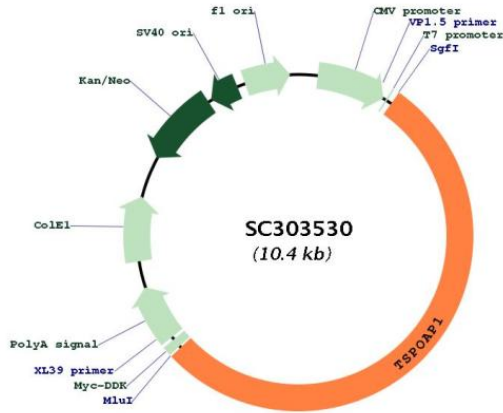
CAGTGCCGCAGCCAAACCGAGCAGTTCAGCCTCCTGGCACAGGAAGCTCCAGGCTTTCCGCTGCACCCG
 GGCCCTTGATCTGCTCACATCTGCCCTGGACTGTGGGAGCCTTGAGACTGCCACCACCCCTGC
 TGCTGCTCCATCCCCAGCCTTGCCGGGGTCTGGCCCAAAGACCTTGACCTCCCGCCGGGCTCCCT
 GGGCGTGCACCCCAAAGTCTCCGAGCCTGCCCTGCCACTCTACTGGGGTCCCTCGAAGGACAGCC
 AAGAAGGCAGAGTCTCTCCAACCTCTCCACTCCGAGTCCATCCACAACAGCCCAAGTCATGCCCT
 ACACCTGAGGTGGACACAGCCAGTGAGGTAGAGGAGCTGGAGGCAGACAGTGTCTCCCTGCCAGCT
 GCGCCAGAGGGCAGCCGGGAGGAGCCAGAGTCCAGTCTTCTAGCACGTTATAGCTACAACCCCTTT
 GAGGGTCCCAATGAGAATCCAGAAGCAGAGCTTCCGCTGACAGCTGGCAGTACATCTACATCTATGGC
 AACATGGATGAGGATGGCTTTTTGAAGGAGAGCTCATGGATGGCCGAAGGGGCTGGTCCCTTCAAT
 TTTGTAGAGCGTGTGCGGATGATGACCTCCTGACCTCCCTCCCTCCAGAGCTGGCCGATTTGTCCAC
 AGCTCAGGCCCTGAACCTAGTTTCTGAGTGTAGGTGGGGTGGCAGCAGTAGCGGGGCCAAAGCAGT
 GTGGGAAGGAGCCAGCCAGACCTGAGGAGGAGGATGCAGGGACGAGCTCAGTCTGAGCCATCACCG
 GAGGGCTGGGCGAGCCTCCTGCCGTGCCTTACCCCGCCGTCTGGTGGTCTCAAGCAGCTGGCCAC
 AGCGTGGTGTGGCTGGGAGCCGCTCCTGAGCAAGTGGAGCTACACGGCTTCCATATCTGTGTGAAT
 GGGGAGCTGCGACAGGCCCTGGGGCTGGGGCCACCCAAGGCCGTGCTGGAGAAGCTGGACCTGTGG
 GCCGGGCCCTTACATTTCTGTCCAGGCCCTGACTAGCCGGGGCAGCTTGACCCACTGGCTGTTGC
 TTGGCGGTGGGTGCCCGGCCGGAGTGGTGCCAGCCAGCTGCGGGTCCATCGTTGACAGCCACATCT
 GCTGAGATCACCTGGGTGCCCGCAATAGCAACTTGGCCCATGCCATCTACCTCAATGGGGAAGAGTGC
 CCACCTGCCAGCCCAAGTACCTACTGGGCCACCTTCTGCCACTTACGGCCTGGCACACCTATCAGGCC
 CAAGTGGAGGCTCAGCTCCCACCCCAAGGGCCCTGGGAACCAGGCTGGGAGAGGCTGGAGCAGGGGCT
 GCCACCTGCAGTTCACCACACTCCAGCAGGCCACCTGATGCCCTCTGGATGTGAGATCGAGCCT
 GGGCCCTCCCCTGGGATTTGATCATCAGTTGGCTCCCAGTACCATCGATGCTGCTGCCACATCCAAC
 GGTGTCCGGGTACAGGCTATGCCATCTACGCTGATGGCAGAAGATCATGGAGTGGCCTCACCCAGC
 GCAGGCAGTGTACTGGTGGAGTTGTCCAGCTGCAGCTGCTGCAGGTGTGTCGTGAGGTGCTGTCGC
 ACCATGTCGCCCCACGGGAGTCCGGGACTCCATCCCGCTCCTACTCCCAGCCTGGCTCCGGCC
 AGCCTGCCAGCCGAGTCTCCTGCCCTCACCGCACCAAGCCAGAGGCCAGAGCGCCCTTGCTTCA
 GCCTCCCAGGGCTGGAGACCCAGCTCCTCTCCAGCACCCTGCTCCCCTTGGAACTCAAGAGCCT
 CCAGGAGCACCCCTGCAAGCCCTTCCAGAGAGATGGCAAAGGGTCCCACGAGGACCCTCCAGCACCT
 TGCTCCCAGGAGGAGGCTGGGGCAGCAGTGTGGGCACCTCAGAGGAGAGGACAGCCAGCACATCTACC
 CTGGGTGAGAAGGACCCTGGCCCGCAGCTCCCTACTGGCCAAGCAGGAGGCCGAGTGGACTGCAGGA
 GAGGCCTGTCCGGCTCCAGCTCCACCCAGGGAGCACGGGCCAGCAGGCCCAAATACCGAGATGTGC
 CAAGGAGGAGACCAGGGTCTGGGCTGAGGCCAGGGCTGAGAAGGAGGACACAGCAGAGCTGGGGTT
 CATCTGGTGAACCTCCTCGTGGACCAGGCCGCAACTCAGACCTGTCAGACATCCAGGAGGAAGAGGAA
 GAGGAGGAGGAGGAGGAGGAAGAGGAGCTGGGTTCCAGGACTTGCTCCTTCCAGAAGCAGGTTGCTGGC
 AACAGCATCAGGGAGAATGGGGCAAGTCCCAGCCGACCCCTTTTGAGACTGACAGCGATGAGGAG
 ATCTTGGAGCAGATCCTGGAGCTGCCCCCAGCAGTTCTGTAGCAAGAAGCTCTTTAGCATCCCGGAG
 GAGGAGGAAGAGGAAGAGGAGGACGAGGAGGAGGAAGTCAAGGGCAGGCTGTTCTTCCGAGACCCT
 GGCCCGCTGAACCTGCATTGCTGGGGTGGGCTGTGACAGTGGTCAAGCCCGAAGACCTGGCCAGTGT
 CCTTGTCTCCTGAGTCTCCAGGGCTGGAGACTGCCTGGAAGACATGCCTGGATTAGTTGGTGAAGC
 AGCCGGAGGAGAGGAGGGGGCTCCCTGAGAAGCCCCAAGCCGAGGCGCCTCCAGATCCCCGAGAA
 CACTGCAGCCGACTTCTCAGCAACAATGGGCCAGGCCCTTGGACGACTGGGCCCCACACGGGAGAGG
 GGTGGCTCCCCGTAATTGAGGGCCCAGGACTGGACTAGAGGCTAGCGGGAGAGGCCGGCTGGGCCCT
 TCCCGGAGGTGCTCCCGTGGCCGGGCGTGGAGCCTGGCCTGGCCAGCTGCCTTTCCCCAAGTGTG
 GAAATCAGCATTGAATATGATTCGAGGATGAGCAGGAGGCGGGCAGCGGGGCATCAGCATCACCAGC
 TCCTGCTACCCTGGAGATGGGGAGCCTGGGGCACAGCAACTGTAGGAAGGCCAGGGGGCTCCGAG
 GCCAATCAGGCCCAAGCCCTACCCACGCTCCAGCCTGGGAGAAAGGGGAACCAGAGCGGAGAGGC
 CGCAGTGCAGCGGCAGAGCCAAGGAGCCACTCTCCCGGCAACAGAGACCGGAGAGGCCAGAGGGCAG
 GACGGCTCTGGGCGAGGGGCCCCAGAAGAGAGGTGTCCGAGTCTCAGGCCAAGCACTGCAGAGCTA
 GTCCTTGCAGGAGCCCTCAGAAACACTGGCTTACCAGCACCTACCCGTGAGGATCTTTGTGGCTGTG
 TTTGACTATGACCCCGTGTCAATGTGCGCCAATCCTGATGCTGGAGAAGAAGAGCTTCCCTTCCGAGAG
 GGTGAGATCCTGAAGGTGTTGGGGACAAGGATGCCGATGGCTTCTACCAGGGCGAAGGTGGGGCCGG
 ACAGGCTACATTCCTGCAACATGGTGGCTGAGGTGGCTGTGGACAGCCCTGCTGGGAGACAGCAACTG

```
CTCCAGCGGGTTATTTGTCCCCAGATATTCTCCTTGAGGGCTCAGGGAATGGTCCGTTTGTGTA
CTCCACAGCCCACAACTGGGCTCCTCCCAAGCCCCGCCGCTCCAAGAAAGCTGAGTCGGAAGGCCTGCC
CAGCCCTGTCCAGGCCCCCTAAGCTGGTCCCCTCTGCTGACCTGAAAGCTCCCCACTCCATGGTGGCT
GCATTTGACTACAACCCCAAGGAGAGTTCCCCCAATATGGACGTGGAGGCAGAGCTGCCCTTCCGGGCA
GGGGATGTCATTACTGTGTTTGGGGCATGGACGATGACGGTTTCTACTATGGGGAATTAATGGACAA
AGGGCCTGGTTCCATCCAACCTCCTGGAGGCCCTGGCCTGAGGCAGGCCGCTGGACAGGGAACCC
AGGACACCCAGGCTGAGAGTCAGAGAACGAGGAGGAGAAGAGTCCAGTGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:

Sgfl-Mlul

Plasmid Map:



ACCN:

NM_004758

Insert Size:

5574 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:

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.

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:	<ol style="list-style-type: none">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:	<u>NM_004758.3</u>
RefSeq Size:	7698 bp
RefSeq ORF:	5574 bp
Locus ID:	9256
UniProt ID:	<u>O95153</u>
Cytogenetics:	17q22
Protein Families:	Druggable Genome
MW:	200.1 kDa