

Product datasheet for **RN201895**

Secisbp2 (NM_024002) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Secisbp2 (NM_024002) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Secisbp2
Synonyms:	Sbp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201895 representing NM_024002
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGTCGGAGCGGCCGCGGGAGCCCGAAGCGAGGATAGCATCAAGTTGTCAGCTGATGTCAAACCAT
 TTGTCCCTAAGTTTGGCTCAATGTGGCGTGGTCCAGAGTCCCTCAGAAGCTTGTGTCTCCAGGCTG
 TGCAGCCACTTACTATCCATTCTGACAGGAGTCCAGCGGCTGAACAAAAATGTATCCTGAAGACATG
 GCTTTTGGAGCCCTGCCTTTCCAGCACAGTACGTGTCTTCTGAGATAGCACTGCATCCTTTGCCTATC
 CCATTACGCCCTCGAGTCCACACAGAGTGTGGTCTCAGTCCCAACCCTGCAGTACGATTACAGCCAAGC
 ACAGTGTACCCAGGCTTTGCGCCAGCAAAGCCCCGAAATGAGCACGCATGCCCTCTCAGGAAGCAAAG
 TGTGTATTTAAGAAAAATCCTCTGATGAGAGAAGAGCATGGGAAGAGCAAAAGTCAAGCAACAGAAGGG
 CTGATGGTGCAGTGCCCTGTGAGGCGAGACCAGCCAGAGGGTTCATGCCACCTGAAATCTGATGGTTATCA
 CAAGCGGCTGATCGGAAGTCCAGGATCCTTACAAAAAGTGCATCTACCTCTAAACCCGAATTTGAATTT
 AGCAGGTTGGACTTTCTGAACTGCAGAGTCCAAAGAACAGTAATCTGCCAGAGACACAGAAGCAGCCCA
 GGTGGGGGCTCTTGGCCCTGCTGCCAGTAACATGTCTCTCTGGGAGAAGCGGGCAAGCCAGTTGCAGA
 TATGGTAGAGGGTAAAATGGTGAAGACGGATCACACTGATGGAGCTGTGACTAACAAATGCCGCTACCAGT
 TCCCCCTCGTGTACACGAGAGTTGTCTTGGACACCAATGGGTTATATTGTTCCGCGAGACAGTGTCTTCA
 ACTCAGCAGCAGCGACTGAAACTGTTAATTCATCATAAACCTAAAGAAGACTACGTCATCAGCTGATGC
 TAAAAACGTTAGCGTGACATCTGAGGCGTTATCTTCCAGATCCTTCCCTCAGCAGGGAAAAGCGTGTTCAT
 CCTGGTCCAAAGGCCAAAGCATACAAGGAAGTGAACCTGAAACAAAACGAAAGCTCCAAAAAGAATAAGA
 AAAAGAAAAGAAAAGTCTAAATCAAGTTATGAAGTCTGCCGTTTCCAGAGCCAGGATTTGAAGATGC
 TGAGGAATTCCTCAACCTGTGATCTGATCTGAAAGAAGACACAGAGGGGAATCACCAAAATTCAGAGT
 AAACAGCAGGCGCAGAATGACTTTAAAACGGGTGAAAGAAGAGCCAGGTTCCGGTGCAGCTGGACCTGG
 GGGCATGTTGGCAGCACTGGAGAAGCAGCAGCAGCCCCGACGCCAAGCCATCCTCCAGACCCGCTCGT
 GTTCTCAGTTGGAGCAGTGCCAGTCTTTCCAAGGATGCCTCCTCAGGTGAGAGGGTCCGCGCTTAGT
 CAGGTGAAGACCCACACAACCCCTGGACTCCAGTGCCCCCTAATGAAGAAGGGGAAGCAGAGGGAGA
 TACCTAAGGCCAAGAAGCCACCTCACTGAAGAAGATAATTTGAAAGAACGGCAAGAGAGAATGCAGCA
 GCGACTCCAAGAAAGTGTGTGAGCCCGACTGTGGCCAGTGTGACTCACAGGATGTGGAGAGTGGTGT
 ACTAACCAATCCCAGCCCGGACAACCCACAGTCCAGAGAAGACAGAAGAACCATGTCTTCTACAC
 CTGTGGTTGAGGGTGAGTCAGAAGAGCCAGCTGGCACAGAGTTCAGAGGGACCCAGAGGCTTGCCAGCC
 TGCCCTGACAGTGCACCTTCCCAAGATCCACAGCCGGAGGTTCCGGGACTACTGCAGCCAGATGCTT
 AGTAAAGAAGTCGATGCTTGTGTACGGGTCTCCTCAAGGAAGTGGTGCCTTCCAAGACCCGATGTACC
 AGAAGGATCCTGTCAAGGCCAAGACAAAACGCCGCTTGTGCTGGGGCTGAGGGAGGTCCTGAAACACCT
 GAAGCTCAGGAAGCTGAAGTGTATCATCTCTCCAACTGTGAGAAGACACAGTCTAAAGGTGGACTG
 GACGACACTGCACACCATCATCGATTGCGCCTGTGAGCAGAACATCCCTTTGTGTTGCACTCAACC
 GCAAGGCACTGGGGCGGAGTCTGAATAAAGCAGTTCCTGTGAGCATTGTAGGGATCTTTCAGTTACGATGG
 GGCCAGGACAGTTCACAAGATGGTTGAGTACCATGGCAGCCCGTCCAGGCATACAAGACCATGTTG
 GAGACGATGCGGCAGGAGCAGGACAGGAGAACCTGGGCCTCAGACCCTCCAGCCACCCATGCAGGACC
 CCATCCAGTCCACCGACGAAGGCACCCTAGCTTCCACTGGAGAAGAGCCACACTATATTGAGATTTGGAG
 AAAGCATCTGGAAGCGTACAGTCAGCATGCCCTGGAGCTGGAAGACTCACTGGAGGCATCAACCTCTCAG
 ATGATGAACCTGAATTTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_024002
Insert Size: 2541 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:	<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:	NM_024002.1 , NP_076492.1
RefSeq Size:	3240 bp
RefSeq ORF:	2541 bp
Locus ID:	79049
UniProt ID:	Q9QX72
Cytogenetics:	17p14
Gene Summary:	RNA binding protein that interacts with the Sec insertion sequence (SECIS) element in selenoprotein mRNAs [RGD, Feb 2006]