

Product datasheet for **RN202075**

Sbno2 (NM_001108068) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sbno2 (NM_001108068) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sbno2
Synonyms:	RGD1307194; Stno
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202075 representing NM_001108068 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCTGCTTGGTGACCAGAACAGCTTCACAGTCCCCTGTGGGATACCCACCCTGGGCGTGCAGGATC
CTTCATGCCTCGAGGACCTCTCCAATGCCTCTGTCTTCTCCTCGTCTGTGGATCCCTGTCAGATATCCC
AGACACACCCGACTTCCTGCCGGCCGACAGCCTCAACGAGGTGCCTACCCTGCGGATGTCAGCACCACC
TCCACCACCCGGGACAAGCTGTTCTACCGAGTGTGCCATTCTCGGCTCTGGAAGACCCGGTGACCGCAG
TTTCCAGTACCCGCTTCTCGTCAGCTATCAGTCACACAGCCAGCCTGAGGAGGAGGAAGCGGAAGACGA
GGAGGAGGCTGAGGAACCTGGGCCATGCTGAGACCTATGCCGACTATGTACCTTCCAAGTCCAAGATTGGA
AAGCAGACCCAGACCGTGTAGTGGAGACCAGCACACTGTCCAGCGTTCCGCCCCAGACATCACCTACA
CCCTGGCACTACCCACCTCAGACAACGGGACCTGTCTGCCCTACAGCTGGAAGCCATCACCTATGCCTG
CCAGCAACACGAGGTCTGCTGCCCAGTGGGCAGCGTGTGGTTTCTGATTGGGGATGGGGCCGGCGTG
GGCAAGGGCCGCACGGTGGCTGGCATCATAGTGGAGAATTACCTGCGGGGCCGGAAGAAGGCTTTGTGGT
TCAGTGCCTCCAATGACCTCAAGTATGATGCAGAACGGGACCTGAGAGACATCGAGGCCCGGCATTGC
GGTGCATGCACTAAGCAAGATCAAGTACGGTGACAACACTACCTCAGAGGGTGTCTCTTTGCCACCTAC
TCTGCCCTGATTGGAGAAAGCCAGGCGGGTGGGCAGCATCGCACACGTCTACGCCAGATCCTGCAGTGGT
GTGGAGAGGCCTTTGATGGTGTGATTGTGTTTGACGAGTGTACAAAGCCAAGAATGCCAGCTCCACCAA
GATGGGCAAGGCCGTGCTGGACCTGCAGAACAGCTGCCCAAGGCCAGGGTGGTGTATGCCAGCGCCACA
GGCGCCTCTGAGCCCCGCAACATGATATACATGAGCCGCTTGGGCATCTGGGGCAGGGGCACACCCTTCC
GGACCTTCGAGGAGTTCTGTCATGCCATTGAGAAGAGGGCGTGGGTGCCATGGAGATTGTGGCCATGGA
CATGAAGTCAAGTGGCATGTACATCGCCCGCCAGCTCAGCTTCTCAGGGGTACATTCCGAATCGAGGAG
ATCCCACTGTCTCTGTCTTCGAGCAGGTCTATAATCGGGCAGCCCGGCTGTGGGCCAGGGCCCTGAGTG
TGTTCCAGCAGGCGGCTGACTGGATCGGTCTGGAGTCTCGGAAGTCCCTGTGGGGTCACTTCTGGTCCGC
ACACCAGCGCTTCTTTAAATACCTGTGCATTGCGCCAAGGTGCACCGGCTGGTGGAGCTGGCACAGCAG



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GAGCTGAGCAGGGACAAGTGCCTGGTTCATCGGGCTGCAGTCCACAGGGGAGGCGCGGACCCGAGAGGTGC
TAGACGAGAATGAGGGCCGCTGGACTGCTTCGTCTCTGCAGCAGAAGGCGTCTTCTGTCCCTGATCCA
GAAGCACTTCCCTTCCACCAGGAGGAGGCGTGACCGGGGAGGAGGAAAGAGGAAACGGCGGCTCGGGT
CGTGGTCCCAAGGCTTCCAGACTGACACTGGAGGCAGCAGGAGTTATCCGTATTAGTGATGGCAGCAGCA
CAGAGTCAGATGCTGGCTGGATAGCGACTTCAATTCATCCCCAGAGTCCCTGGTAGATGATGATGGT
CATCGTAGACGCCCCACGCTCCCCACAGATGACCGAGGTCCCCTGTACCACTTCAGAGAGACCTACAG
GGCCCTGGTGTCTGGAGCGGGTGAACGGCTGAAACAGGGCTGCTGGCAAAGTGCGAGCACTGGGCC
GGGAGCTGCCTGTGAACACATTGGACCAGCTCATCCACCAGCTTGGGGGCCCGGAGTGTGTGGCTGAGAT
GACTGGCAGGAAAGGCCGAGTGGTATCGAGGCCGACGGGTGAGTGGTCTTTGAGTCCAGAGCAGAGCAG
GGCCTGTCCATCGACCATGTGAACCTCAGGAGAGAGCAGCGTTTCATGAGCGGCGAGAAGCTCGTGGCTA
TTATCTCTGAGGCCTCCAGCTCTGGTGTCTCCCTCCAAGCCGACCGGCGAGTCCAGAACCAGAGACGCCG
GGTACACATGACCTTGGAGCTGCCTTGGAGCGCAGACCGAGCCATCCAACAGTTTGGCCGACCCACAGA
TCCAACAGGTCTCAGCGCCGAGTATGTCTTCTTATCTCCGAGCTGGCAGGGGAGCGCAGGTTGCGCT
CCATTGTGGCCAAGCGGCTGGAGAGTCTGGGTGCTCTGACCCACGAGATCGACGGGCCACTGAGTCCCG
GGACCTGAGCAAGTATAACTTCGAGAACAAGTATGGCGCCGTGCGCTCAGCCGTGCTCTTGCCACAATC
ATGGGCCAGACAAACAACAGGGTGCCCTGCCAGGGCTATCCAGGAGGGGATGCTGCCTTTTTTCGGG
ACATGAAGCAGGGCTGCTGTGTGTGGGCATCGGTAGCCGGGAGTCACGCTCTGGCTGCTTGGATGTGGA
GAAGGACTGCTCCATCACAAGTTTCTGAACCGCATCCTTGGGCTGGAGGTGCACAAGCAGAACGCGCTG
TTCCAGTATTTCTCCGACACGTTTGACCACCTCATCGAGATCGACAAGAAGGAGGGCAGATACGACATGG
GCATTCTGGACCTGGCCCCCGGCATCAATGAAATACATGAAGAGAGCCAGCAGGTGTTCTTGGCACCCTG
GCACCCACAGGACGGGCGAGTGGTCTTCTACAAGATTAGCGTGGACCGCGGTATGAAGTGGGAAGAGGCA
TTCCTAGGTGCTGGAGCTAAAAGGCCCTATGACGGCTTCTACCTCTCTACAAGGTACGAGGCAGCA
AAACGAGCTGCCTTCTGGCAGAACAGAAATCGAGGCGATTATTTACCGTGTACAAGCCAAACATTGGCCG
GCAGAGCCAGCTGGAGACCTGGACAACCTGTGCCGGAAGTTCCACCGGTCACCCCGGAAGAGGCGCGG
GAACCTGGGAGAGCAGCTATGCGCTGTGCTGGAGCACTGCAGCCACTACCTGGAACACGCGTGC
GACTGGCAGAGGAGGCAAGTGTGTGCCAGGGCTGCGCTCCGCCACCACTACATGCTGTGCGGGG
GCTGCTGCGCGTGTGGGGCCGATCGTGTGTCATGGCGGACGTGAGCAGTAGCAGTACCTACAGATC
GTGCGCTCAAGACCAAGGACAAAAGAAGCAAGTGGGCATCAAGATCCCGGAGGGCTGCGTTACCGCG
TACTGCAGGAAGTGCAGCTCATGGATGCAGAAGTGAAGCGCCGAGCGCTCATGGTTGGCTGCGCGCC
ACCTACTCTCTGCGATTACACTTCCATGCGGTCTGGTGGAGTGTGAGTGGACTTGACCTACAGTCCCCCG
GCCGAGCCTTTCCAGCGCTCCAGCTTCGCTTCCCTTCGTTGCCACCCAGACCCAGCTCTCTGA
TGCTGGGTACCAGGACAACTACCAACCTGTGGAGCTGGCAGCAGGAGGCTGCGACATCAATTCAG
GGAAGTGTGGAGGACATGCTCCGCTCTTTCGCGCGGGGCCACTGAGACCCCTGCGCCTCTGGTGGG
GTGGGCGGCGGAGGCGGTGGCACAGAGCGGACAGCGTTATCCACTTCAGTCCACCTTCCCAAAC
CTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001108068

Insert Size:

3855 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_001108068.1](#), [NP_001101538.1](#)

RefSeq Size: 4826 bp

RefSeq ORF: 3855 bp

Locus ID: 314619

Cytogenetics: 7q11