

Product datasheet for **RN202300**

Selenbp1 (NM_080892) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Selenbp1 (NM_080892) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Selenbp1
Synonyms:	Selenbp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202300 representing NM_080892
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTACAAATGCACAAAGTGTGGTCCAGGTTATGCGACCCCTCTGGAGGCCATGAAAGGACCCCGAG
 AGGAGATTGTCTACTTGCCTGCATTTACCGAAACACAGGCATTGAAGCCCCGGATTATTTGGCCACAGT
 GGATGTTGACCCCAAGTCTCCCCATTATAGCCAGGTCATCCATAGGCTGCCCATGCCACACCTGAAGGAC
 GAGCTGCACCACTCAGGGTGAACACCTGCAGTAGCTGCTTTGGGGACAGCACCAAGTCACGCGACAAGC
 TGATACTGCCAGCATCATCTCTCCCGCATCTATGTGGTGGATGTGGGCTCTGAGCCTCGTGCCCCGAA
 GTTGACAAAGTTCATTGAGCCCAATGAAATCCATGCCAAGTGCAACCTGGGCAATCTGCACACCAGCCAC
 TGCTGGCCAGCGGAGAGGTGATGATCAGTCTTGGGGGATCCCAGGGGAATGGCAAAGGGGTTTTG
 TGCTGCTGGATGGGAGACCTTCGAGGTGAAAGGGACGTGGGAGAAGCCTGGGGGTGAAGCTCCAATGGG
 CTATGACTTCTGGTACCAGCCTCGACACAACATCATGGTCAGCACTGAATGGGCAGCTCCAATGTCTTC
 AAAGATGGCTTCAACCCTGCTCATGTGGAGGCTGGGCTGTATGGGAGCCATACATGTGTGGGACTGGC
 AGCGACATGAGATTATCCAGACCCTGCAATGAAAGATGGGCTGATCCCCCTGGAGATCCGCTTCTCTGCA
 CGACCCAGATGCCACCCAGGGCTTTGTAGGCTGCGCCCTCAGCTCCAACATCCAGCGCTTCTACAAGAA
 GAGGGAGGCACCTGGTCAGTGGAGAAGGTGATCCAGGTGCCCTCCAAGAAAGTGAAGGGCTGGATGTTGC
 CAGAAATGCCTGGTTTGATCACCAGCATCTTGTGTCCCTGGATGACCGCTTCTCTACTTCAGCAACTG
 GCTGCACGGGGACATTCGGCAGTATGACATCTTAACCGAAGAAGCCTCGCCTCACTGGGCAGATCTTC
 CTTGGGGCAGCATTGTTAAAGGAGGCTCTGTACAAGTCTGGAGGCAAGAGCTAACGTGTAGATGGGAA
 AGCCCCTAGTGGTCAAGGGAAAACGAGTCTCTGGAGGCTCAGATGATCCAGCTCAGCTTAGATGGGAA
 GCGTCTTTACGTCACTACATCACTGTACAGCGCCTGGGACAAGCAGTTTTACCCTAATCTCATTAGGGAA
 GGCTCTGTGATGCTGCAATTGATGTAGATACAGCAAATGGAGGGCTGAAGTTGAACCCCACTTTCTGG
 TGGACTTTGGAAAGAGCCTCTTGGGCCAGCACTGGCTCATGAGCTTCGTACCCAGGGGTGATTGCAG
 TTCTGACATCTGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_080892
- Insert Size:** 1419 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_080892.1](#), [NP_543168.1](#)
RefSeq Size: 1685 bp
RefSeq ORF: 1419 bp
Locus ID: 140927
UniProt ID: [Q8VIF7](#)
Cytogenetics: 2q34
Gene Summary: mouse homolog is a selenium-binding protein; may be involved in mediating anti-carcinogenic effects [RGD, Feb 2006]