

Product datasheet for **MC203023**

Selenbp1 (NM_009150) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Selenbp1 (NM_009150) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Selenbp1
Synonyms:	Lp56; Lpsb; SBP56
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC024106
 ACTTAATACCAGCACTGGTCTCTGCTGAGCCTCTGCTCATTCTTGCCAAATCCGGCAGGACCCGAGTGTC
 AGCCAGCCAGCAGCATGGCTACAAAATGCACAAAGTGTGGTCCAGGTTACCCACCCTCTGGAGGCCAT
 GAAAGGACCCCGAGAGGAGATTGTCTACTTGCCCTGCATTACCGGAACACAGGCACCGAAGCCCGGAT
 TATTTGGCCACTGTGGATGTAGACCCTAAGTCTCCCCAGTATAGCCAGGTCATCCACAGGTTGCCATGC
 CCTACCTGAAGGACGAGCTGCACCACTCAGGATGGAACACCTGCAGCAGCTGCTTTGGGACAGCAGCAA
 GTCACGCAACAAGCTGATACTGCCTGGTCTCATCTCCTCCCGCATCTACGTGGTGGATGTGGGCTCTGAG
 CCTCGTGGCCCGAAGTTGCACAAGGTCATTGAAGCCAGTAAAATCCAAGCCAAGTGAACGTGAGCAATA
 CGCACACCAGCCACTGCCTGGCCAGTGGAGAAGTATGGTCAACACCTTGGGGGATCTCCAGGTAATGG
 CAAAGGGAGTTTTGTGCTGCTGGATGGGAGACCTTCGAGGTGAAAGGGACATGGGAGAAGCCTGGGGT
 GCATCTCCAATGGGCTACGACTTCTGGTACCAGCCTCGACACAATGTCATGGTTAGCACTGAATGGGCAG
 CTCCCAATGTCTTCAAAGATGGCTTCAACCCGGCTCATGTGGAGGCTGGGCTGTATGGGAGCCGCATATT
 TGTGTGGGACTGGCAGGCCATGAGATTATCCAGACCCTGCAAATGACAGATGGGCTGATACCCCTGGAG
 ATCCGTTTCTGCACGACCCAAGTGCCACCCAGGGTTTTGTAGGCTGTGCCCTCAGCTCCAACATCCAGC
 GCTTCTACAAGAATGAGGAAGGCACTTGGTCAGTGGAGAAGGTGATCCAAGTGCCCTCCAAGAAAGTGAA
 GGGCTGGATGTTGCCAGAAAATGCCTGGTTTGTATCACCACATCCTGCTGTCCCTGGATGACCGCTTCCCT
 TACTTCAGCAACTGGCTGCATGGGGACATTCCGGCAGTATGACATCTTAACCCACAGAAGCCCGCCTCA
 CTGGGCAGATCTTCTTGGGGCAGCATTGTTAGAGGAGGCTCTGTGCAAGTGTGGAGGACCAAGAGTT
 AACCTGTCAGCCGGAGCCCTAGTGGTCAAGGAAAACGAATTCCTGGAGGCCCTCAGATGATCCAGCTC
 AGCTTAGATGGCAAGCGTCTTACGCCACTACATCACTGTACAGCGACTGGGACAAGCAGTTTTACCCCTG
 ACCTCATTAGGGAAGGCTCCGTGATGCTTCAAGTTGATGTAGACACAGTAAATGGAGGGCTGAAGTTGAA
 CCCCACCTTTCTGGTGGACTTTGGGAAGGAGCCCTTGGGCCAGCACTGGCTCACGAGCTTCTGTTACCCA
 GGGGGTACTGCAGTTCTGACATCTGGATCTGAAGGCTCACACTAGGGGCCCCCTCCACATTCTGAGCC
 TGCCTGGCTTCACTCTGCTCTCAGCCCCAACTCTCCAAGGCCACTCTGAGACCAGCGAGATCTGTAGAGC
 AGCATCTGTACCGTTGCTTGTGTTTGTGCTTTTCTTAAGTGAGCTCCTGGAAGCACCTGGAAATAAA
 ATGCTGAAACTTCAAAAAAAAAAAAAAAAAA



[View online »](#)

Restriction Sites:	RsrII-NotI
ACCN:	NM_009150
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:	<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:	BC024106 , AAH24106
RefSeq Size:	1709 bp
RefSeq ORF:	1419 bp
Locus ID:	20341
UniProt ID:	P17563
Cytogenetics:	3 40.74 cM
Gene Summary:	Catalyzes the oxidation of methanethiol, an organosulfur compound known to be produced in substantial amounts by gut bacteria (PubMed:29255262). Selenium-binding protein which may be involved in the sensing of reactive xenobiotics in the cytoplasm. May be involved in intra-Golgi protein transport (By similarity).[UniProtKB/Swiss-Prot Function]