

Product datasheet for **MC223040**

Sec23ip (NM_001029982) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sec23ip (NM_001029982) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sec23ip
Synonyms: D7Ert373e; p125
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223040 representing NM_001029982
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGATAGGAAGGCTAACGGCGGGAGCGTCCGCCTCTCGTCAGGCACTAACTACTCTTCTCTCT
 CCTCGGCCACGGAGTTCAGCTTCAACGTGCCCTTCATCCCGTCCAGCAGGCCCGCCCTCCCCGGCTTC
 CCTGCTTACCCGGAGAAGACTCCACAGATGTTGGCGAGGAGGATAGTTTCTTGGTCAGACTTCTACT
 CACACATCCACGCCACAGACATTCACTTCTCTCAGGTCTCAAGCAGTAGTGATCCCTTTGGGAACA
 TTGGACAGTCACCTTGACGACTTCAGCAATGTCAGCTGGACAGTCAGCACTTCCCAAGCCCCAGCCAC
 ACTCGCTTTTACAACCGGCTCCCAAGATGCGCTGAGTGGCTTCCACCGTCTGTTTCCAAGGCTCCTGGT
 GCTACCCCTCCCTCACAGATGGGACCAGCACCTATTTGCCTTCTCAGCCAAGCAGTCTCCCTCCAAATT
 TTGGCAGCCCACCCAGGGGATTCTCAACAAGGACATAACCCATATCGCCACACTCCTGTCCAGCAGCCG
 GGCAAACCCCTATATAACACCTCCACAGCTACAGCAGTGCAGATGCCAGGCCACTCCTCCTACCCCTCCG
 CCTTCTGGACCCCTGTGCAGACATACCAATGCCGCTGGACCATTGCCACCGCTTCCACAGCAATGC
 AGTCACCAGCACAGCAGCAAGTCCCTGCCAGACCCGAGGCCCTTGTACAGGGGCCATCCTCTTTGT
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 GTACTGGGAAGAGGAGCCAAGTGAAGTGAAGCAGTGTACTTGGTTTTACAAGGGGACACAGACAGCAGA
 TTTATTCCTTATACAGAGGAGTTCAGTGAATACTAGAGGCCGAGTATAAAAAGGCTGTAAGCACAAATC
 AGTGGCACCGCAGACTGGAGTTTCCAAGTGGAGAGACTATCGTTATGCACAACCCAAAGGTTATTGTCCA
 GTTCCAGCCTTCTCAGTGCCAGATGAGTGGGGACGACCAAGACGGACAGACAAGGCCAAGAGTTGTA
 AAACGCGGGATTGACGACAGCCTCGATGAAATTCCTGATGGGGAGATGCCTCAGGTTGACCACTTGGTGT
 TCATGGTGCACGGCATCGGGCCCGTGTGTGACCTGCGCTTTAGAAGTATTATCGAATGTGTGGATGATTT
 TAGGGTGGTTTCTCAAGTTGCTGCAGACACACTTCAAGAAGTCTGTAGATGAAGGGAAAGTCAGCAGA
 GTGGAGTTCCTGCCAGTTCAGTGCAGACAGCCTTGGGTGGGCATGCCACGGGTGTTGACAGGAACATCA



AGAAAATTACCTTGCCAAGTATCGGTCCGGTCCCGTCACTTACCAATGAGACTCTGCTAGATGTTTTATT
 TTACAACAGCCCTACCTACTGCCAGGCAATTGTGGAAAAGGTGGAAGTGGAGATAAATCGGCTACATTCA
 CTCTTTATGAGTCGGAACCCAACTTCAAAGGAAAGGTCTCCGTTGCTGGTCACAGTTTAGGTTCTTTGA
 TACTGTTTGACATATTGTCTAATCAAAGGGATATGTGTGTCTCTAAGTCTCCGGGATCTGTGGCTGTTTC
 TAATGGAGTTATAAAGCATTACAGTTTCAGGAAAAGCTGATATCTGAAGAGTCAAAGCTGATGTCAGAT
 GAATCATGTGACCTTGATGTTGAGGATGAAGAACCCTAACTTTGCATGGAACCCCTGGAAGCACTCAGCC
 TGTTTACTACATTAGCACTTTTGAAGGAGAGAAGATTGATATGGAGTCTCTGCTTATGTGCACAGTTGA
 TGACCTGAAGGAGATGGGGATACCCCTCGGGCTAGAAAAGAGATAGCCAATTTTGTAAAACCTTAAAGCA
 GCCAACTGGAGCAGAAAAAGCAGCAGCAGAAAAAGCAGCAGCGCTGGCTGCTTTGACAAAAGGACAAG
 ACGAGAGTGCTCCAAAACTAAGGAAATGGCTTCTCCATCTTCAAGTCAAACGAGTCAAAGAGGAAAGCT
 CTCAGTTGGGGCTTACGTGTCTTCTGTACGGGTTGATTATGAATCTTTGAAAGTTGGCACAGGACAGGTT
 TCTGTTGCTTACAGCTCGTTAGACTTTGAACCGGAAATTTCTTTGCCCTGGGCTCTCCGATCGGCATGC
 TTCTCACTATTCGAGGAGTGGCTAGGATTGATGAGAAATATCGCCTCCCTACCTGTAAGGTTTCTTCAA
 TATTTACCATCCGCTCGACCCAGTGGCGTACAGATTAGAGCCTATGATTGCTCCAGATTTGGACTTAAAA
 GCTGTTCTCGTTCCACATCACAAAGGCAGGAAGAGACTTCACTTAGAGTTGAAAGAGAGCCTTTCTCGAA
 TGGGATCCGATCTGAAGCAGGGCTTTATCAGTTCTCTGAAAAGTCTGGCAGACACTCAACGAATTCGC
 CGGTGCTCACACCTCTACTACTCAGCTGCAAGAAGAATTGGAGAAGTGGCCAACCAAATCAAAGAGGAA
 GAGGAAAAGCAAGTAGTTGAAGCAGAAAAGATTGTTGAAAGTCCAGAAGTTCCTCAAGGACGAGGACTACT
 TAGGAAAAGGTTGGAAATGTTAAATGGAGGCCGCCGATTGATTATGTTCTTCAAGAAAAGCCAATCGAGAG
 TTTCAATGAGTATCTCTCGCTCTTCAAGTCACTTATGCTATTGGGGATCTGAAGATACTGCCCTCTTG
 TTACTTAAAGAAATTTATCGAACAAATGAACATTAGTCCAGAGCAGCCCCAGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001029982
- Insert Size:** 2997 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_001029982.2](#), [NP_001025153.2](#)
- RefSeq Size:** 4578 bp
- RefSeq ORF:** 2997 bp
- Locus ID:** 207352

Cytogenetics: 7 70.51 cM