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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:	D7Ertd373e; p125
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC223040 representing NM_001029982
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGATAGGAAGGCTAACGGCGGCGGAGCGTCCGCCTCCTCGTCAGGCACTAACTTACTCTTCTCCT
CCTCGGCCACGGAGTTCAGCTTCAACGTGCCCTTCATCCCCGTCACGCAGGCCGCCGCCTCCCCGGCTTC
CCTGCTCTTACCCGGAGAAGACTCCACAGATGTTGGCGAGGAGGATAGTTTCCTTGGTCAGACTTCTACT
CACACATCCACGCCACAGACATTCAGTTACTTCTCTCAGGTCTCAAGCAGTAGTGATCCCTTTGGGAACA
TTGGACAGTCACCCTTGACGACTTCAGCAATGTCAGCTGGACAGTCAGCACTTCCCAAGCCCCCAGCCAC
ACTCGCTTTTACAACCGGCTCCCAAGATGCGCTGAGTGCGTTTCCACCGTCTGTTTCCAAGGCTCCTGGT
GCTACCCCTCCCTCACAGATGGGCACCAGCACCTATTTGCCTTCTCAGCCAAGCAGTCTCCCTCCAAATT
TTGGCAGCCCACCCCAGGGGATTCCTCAACAAGGACATAACCCATATCGCCACACTCCTGTCAGCAGCCG
GGCAAACCCCTATATAACACCTCCACAGCTACAGCAGTGTCAGATGCCAGGCCACTCCTCCTACCCTCCG
CCTTCTGGACCCCCTGTGCAGACATACCAAATGCCGCCTGGACCATTGCCACCGCTTCCCACAGCAATGC
AGTCACCAGCACAGCAGCAAGTCCCTGCCAGACCCGCAGGACCCCTTGTACAGGGGCCATCTCCTTTTGT
ACTTCAGAACCAGTACGAACCTGTTCAGCCACACTGGTTTTATTGCAAGGAGGTAGAATATAAACAGCTA
TGGATGCCTTTCAGTGTGCTTGACTCTTTGAATCTTGAAGAGATCTATAATTCAGTGCAGCCAGATCCTG
AGAGTGTGGTTCTAGGCACGGATGGCGGACGCTACGATGTGTACCTTTATGACCGCATGAGGAAGTCTGT
GTACTGGGAAGAGGAGCCAACTGAAGTGAGACGCTGTACTTGGTTTTACAAGGGGGACACAGACAGCAGA
TTTATTCCTTATACAGAGGAGTTCAGTGAAAAACTAGAGGCCGAGTATAAAAAGGCTGTAAGCACAAATC
AGTGGCACCGCAGACTGGAGTTTCCAAGTGGAGAGACTATCGTTATGCACAACCCAAAGGTTATTGTCCA
GTTCCAGCCTTCTTCAGTGCCAGATGAGTGGGGGACGACCCAAGACGGACAGACAAGGCCAAGAGTTGTA
AAACGCGGGATTGACGACAGCCTCGATGAAATTCCTGATGGGGAGATGCCTCAGGTTGACCACTTGGTGT
TCATGGTGCACGGCATCGGGCCCGTGTGTGACCTGCGCTTTAGAAGTATTATCGAATGTGTGGATGATTT
TAGGGTGGTTTCTCTCAAGTTGCTGCAGACACACTTCAAGAAGTCTGTAGATGAAGGGAAAGTCAGCAGA
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GTGGAGTTCCTGCCAGTTCACTGGCACAGCGCCTTGGGTGGGCATGCCACGGGTGTTGACAGGAACATCA
AGAAAATTACCTTGCCAAGTATCGGTCGGTTCCGTCACTTTACCAATGAGACTCTGCTAGATGTTTTATT
TTACAACAGCCCTACCTACTGCCAGGCAATTGTGGAAAAGGTGGAAGTGGAGATAAATCGGCTACATTCA
CTCTTTATGAGTCGGAACCCAAACTTCAAAGGAAAGGTCTCCGTTGCTGGTCACAGTTTAGGTTCTTTGA
TACTGTTTGACATATTGTCTAATCAAAGGGATATGTGTGTCTCTAAGTCTCCGGGATCTGTGGCTGTTTC
TAATGGAGTTATAAAGCATTCACAGTTTCAGGAAAAGCTGATATCTGAAGAGTCAAAGCTGATGTCAGAT
GAATCATGTGACCTTGATGTTGAGGATGAAGAACCCCTAACTTTGCATGGAACCCTGGAAGCACTCAGCC
TGTTTGACTACATTAGCACTTTTGAAAAGGAGAAGATTGATATGGAGTCTCTGCTTATGTGCACAGTTGA
TGACCTGAAGGAGATGGGGATACCCCTCGGGCCTAGAAAGAAGATAGCCAATTTTGTAAAACTTAAAGCA
GCCAAACTGGAGCAGAAAAAAGCAGCAGCAGAAAAGAAGGCAGCGCTGGCTGCTTTGACAAAAGGACAAG
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CTCAGTTGGGGCTTACGTGTCTTCTGTACGGGTTGATTATGAATCTTTTGAAGTTGGCACAGGACAGGTT
TCTGTTGCTTACAGCTCGTTAGACTTTGAACCGGAAATTTTCTTTGCCCTGGGCTCTCCGATCGGCATGC
TTCTCACTATTCGAGGAGTGGCTAGGATTGATGAGAAATATCGCCTCCCTACCTGTAAAGGTTTCTTCAA
TATTTACCATCCGCTCGACCCAGTGGCGTACAGATTAGAGCCTATGATTGCTCCAGATTTGGACTTAAAA
GCTGTTCTCGTTCCACATCACAAAGGCAGGAAGAGACTTCACTTAGAGTTGAAAGAGAGCCTTTCTCGAA
TGGGATCCGATCTGAAGCAGGGCTTTATCAGTTCTCTGAAAAGTGCTTGGCAGACACTCAACGAATTCGC
GCGTGCTCACACCTCTACTACTCAGCTGCAAGAAGAATTGGAGAAGGTGGCCAACCAAATCAAAGAGGAA
GAGGAAAAGCAAGTAGTTGAAGCAGAAAAGATTGTTGAAAGTCCAGAACTTTCCAAGGACGAGGACTACT
TAGGAAAGGTTGGAATGTTAAATGGAGGCCGCCGGATTGATTATGTTCTTCAAGAAAAGCCAATCGAGAG
TTTCAATGAGTATCTCTTCGCTCTTCAGAGTCACTTATGCTATTGGGGATCTGAAGATACTGCCCTCTTG
TTACTTAAAGAAATTTATCGAACAATGAACATTAGTCCAGAGCAGCCCCAGCATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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

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Locus ID:	207352
Cytogenetics:	7 70.51 cM

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