

Product datasheet for **MR230688**

Sec23b (NM_001281816) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sec23b (NM_001281816) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sec23b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR230688 representing NM_001281816
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTCTGAGTCTCCTTCTCCAGATGCCTGGTTGGTCTCATCACTTTGGGAGGATGGTGCAGGTTCT
 ATGAGCTAAGCTGTGAAGGAATCTCCAAGAGCTATGTCTTCCGAGGGACCAAGGATTTAACTGCAAAGCA
 AATACAGGAGATGCTGGGCTGACCAAGTCAGCCATGCCTGTGCAGCAAGCCAGACCTGCTCAACCTCAG
 GAGCAGCCTTTTGTTCAGCAGATTTCTACAGCCATTCACAAGATTGACATGAACCTCACAGATCTTC
 TCGGGGAGCTGCAGAGGGACCCATGGCCAGTAAGTCAAGGGAAGAGACCTGCGGTCCACTGGTGTTC
 TTTGTCCATTGCTGTGGCTTGTGGAGGGGACTTTCCAAATACTGGAGCCAGGATCATGCTGTTCACT
 GGGGGCCCCGACCAAGGACCTGGCATGGTGGTGGAGATGAGTTGAAGACTCCTATTCGTTCTCTGGC
 ACGACATTGAGAAAGATAACGCACGATTATGAAGAAGGCAACCAAGCATTATGAGATGCTTGTAAATCG
 AACTGCTACAAATGGCCACTGCATTGATATTTATGCTTGTGCCCTTGACCAAAGTGGACTCTGGAGATG
 AAGTGCTGCCAAATCTTACAGGAGGCCACATGGTGGTGGAGATTTCTTCAACACTTCTTTTTCAAGC
 AGACATTTCAAAGAATTTTTAGTAAAGACTTCAACGGAGATTTCAAGAATGGCGTTTGGTGTACGTTGGA
 TGTAAAGACCTCTCGGAACTGAAGATTGCAGGAGCCATTGGTCCATGCGTGTCTCTGAATGTGAAAGGG
 CCATGCGTGTGAGAAAATGAGCTTGGTGTGGTGGCACAAGTCAGTGAAGATCTGTGGCCTGGATCCCT
 CATCTACTCTTGGCATCTACTTTGAAGTTGTCAATCAGCACAATGCTCCAGTTCACAGGGAGGCAGAGG
 TGCCATCCAGTTTGTACACAGTATCAGATTCCAGCACTCAGAAGCGCATCCGAGTGACCACCATTTGCC
 CGCAATTGGGCAGATGCACAGAGTCAGCTGAGGCACATAGAAGCAGCATTGACCAGGAGGCCGAGCAG
 TCCTGATGGCACGGCTTGGAGTGTCCGCGCAGAGTCAGAGGAGGGCCCTGACGTGCTTCGTTGGTGGG
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 TCAGACTCTTTCTCTGTATCCTCAGTTCATGTTCCATCTGAGAAGATCTCCATTTCTCAAGTATTTA
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 TATGATCCAGCCATTCTCTATTCTTACTCTCCACGGACCACCAGAGCCTGACTCCTGGACAGCAGT
 AGCATTCTAGCTGACAGAATTCTGCTGATGGATACTTTCTTCAAATGTCAATTTACCTTGGTGGAGCCA
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 GCCCTGGATGATGCCAAAGAAATCTGCAAGCAGCTTCCCAATGCCACGTTATATCAACACAGAGCAT
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 GGGGGCAGGAAACTGGAGCGCCATCCTGACAGACGATGTCAGCTACAGGTGTTTATGGATCACCTGAA
 GAAGCTGGCTGTGTCTAGTGCCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSLSLLPPDALVGLITFGRMVQVHELSEGISSKSYVFRGKDLTAKQIQEMLGLTKSAMPVQQARPAQPQ
 EQPFVSSRFLQPIHKIDMNLTDLLGELQRDPWPVTQGKRPLRSTGVALSIAVGLLEGTFPNTGARIMLFT
 GGPPTQGPVMVGVDELKTPIRSWHDIKDNARFMKATKHYEMLANRATNGHCIDIYACALDQTGLLEM
 KCCPNLTGGHVMVGDSTFNTSLFKQTFQRIFSKDFNGDFRMAFGATLDVKTSRELKIAGAIQPCVSLNVKG
 PCVSENELGVGGTSQWKICGLDPSSTLGIYFEVNVQHNAPVPPQGGRAIQFVTQYQHSSTQKRIRVTTIA
 RNWADAQSQLRHIEAAFDQEAVALMARLGVFRAESEEGPDVLRWLDLQIRLQCFQYKEDPTSFRL
 SDSFSLYPQFMFHLRRSPFLQVFNNSPDESSYRHHFFARQDLTQSLIMIQPILYSYFHPPEPVLLDSS
 SILADRILLMDTFFQIVIYLGETIAQWRKAGYQDMPEYENFKHLLQAPLDDAQEILQARFPMPRYINTEH
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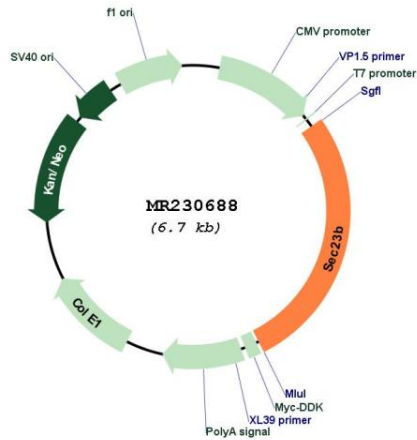
Restriction Sites:

Sgfl-MluI

Gene Summary:

Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the endoplasmic reticulum (ER). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the selection of cargo molecules for their transport to the Golgi complex.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR230688