

Product datasheet for **MR210484**

Sec15I1 (BC026859) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sec15I1 (BC026859) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sec15I1
Synonyms:	C430002C19, msec15, EXOC6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR210484 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAAAAGCTAGACGCTTGTATCCGCAATCATGACAAGGAAATTGAAAAATGTGTAACCTCCATCACC
AGGGCTTTGTGGATGCGATTACGGAACCTCAAAGTAAGGGCCGATGCGGAAAACTGAAGTTACCGA
TACCAACCGAAGGTTTCAAGATGCAAGAAAAGAGTGATAATCCAAACAGAAAGATATTATTCGGTGTAGG
ATTCAGCAGAGAAATATTACAACCGTAGTAGAGAAATTACAGTTATGCCTCCCAGTGTTGGAGATGTACA
GTAAGCTGAAGGAACAGATGAGCATGAAAAGGTATTACTCCGCACTTAAAAAATGGAACAGCTAGAGAA
TGTGTACTTTCCCGGGTCAGCCAGTACCGCTTCTGCCAGCTCATGATGGAGACTCCCTAAACTCCGG
GAAGACATGATGAACTACTGTATGTCTGATCTCACGTACGGCTGGAAAGCATCCGAAAGCATTCTGACA
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TAATATGAGGTTTGGGAAAAACATGCATGTAATAATGACAGGATTCTAGAAGAGAAGAGTGATGTTATA
CCGAAGCATGCACCTTGAAGAGGAGGCGGAGAACGACGAGGAGGTCTTAACGTTCAGATCTCGTTGATT
TTTCCCCTGTTTACCGATGCTTGACATTTATTCTGCTTTGGGTGATGAAGAAACATTTGAAAATTATTA
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GGCTATAGAAGATATTTCACTCAAATTTGAGGGTCTTTGTTGTGGAAGATCACATTTTACACGTGACCC
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CAGAGCTCACTCATCTTACTGCACTGACCTGACCTTGTCTGGAGCTGAAGAATCTCATCGTAATTTTT
GCAGACTCTGCAGGGTTATGGCTTCCAGTCAACCGGCTCTTTGACCTTTTATCGAAATAAGAGATC
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CCTCATATAGGTTTGACAGAGCTGGTGCAAATTCATAAACACAACACACCTGGAACAAGCTTGCAAAT
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GACAGCTTGATGTCAGCCTGCCAACATCTGTCCACATCCTAATGCAGATGCTACTGGACAGTGAGTTA
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CTGAGCCTGTGCCAGGATCCAAGGGGACACCCTGCAGCTGGCCTTCAATTGACCTCAGACAGCTCCTTGA
CCTGTTTATGTTTGGGATTGGTCTACTTACCTGGCTGACTATGGGCAGCCGGCTTCCAAGTACCTCCGA
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CCCAGTTCCGGAAGAATGACCGAGACAGACAGAAGCTGATAGAGACAGTGGTGAGACAGCTCAGAGGCTT
GGTGACTGGTATGTCCCAGCACAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210484 protein sequence
 Red=Cloning site Green=Tags(s)

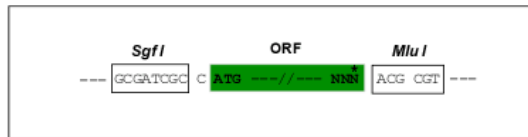
MEKLDACIRNHDKEIEKMCNFHHQGFVDAITELLKVRADAEKLVDTNRRFQDAGKEVVIQTEDIIRCR
 IQQRNITTVVEKLQLCLPVLEMYSKLEQMSMKRYYSALKTMEQLENVYFPRVSQYRFCQLMMETLPKLR
 EDMNNYCMSDLTYGLESIRKHSKDIGEAAMKQAQQKSF SVALQKQNNMRF GKNMHVNNDRILEEKSDVI
 PKHAAAAEAENDEEVLTVQDLVDFSPVYRCLHIYSALGDEETFENYYRQQRKKQARLVLQPQSSVHETVD
 GYRRYFTQIVGFFVVEDHILHVTQGLVTRVYTEELWNMALSKIIAVLRAHSSYCTDPLVLELKNLIVIF
 ADTLQGYGFPVNRLFDLLFEIRDQYNETLLKKWAGIFRDI FEEDNYSPIPIGSEEEYKVVISRFPFQDPD
 LEKQSFPKKFPMSQSVPLIYIQVKEFIYASLKFSSELSHRSSTEIDMLRKSTNLLLTRILSSCLLNLRK
 PHIGLTELQVQIIINTTHLEQACKYLEDFITNITNISQETVHTTRLYGLSTFKDARHAAEGEITYTKLNQKI
 DEFVQLADYDWTMAESDGRASGYLMDLINFLRSIFQVFTHLPGKVAQTACMSACQHLSTSLMQMLLDSEL
 KQISMGAVQQFNLDVIQCELFASSEVPVGFQGDTLQLAFIDLRLDLFMVWDWSTYLADYGPASKYLR
 VNPAAALTLLEKMKDTSKNNIFAQFRKNDRDRQKLIETVVRQLRGLVTGMSQHT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC026859

ORF Size: 2265 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC026859](#), [AAH26859](#)

RefSeq Size: 2696 bp

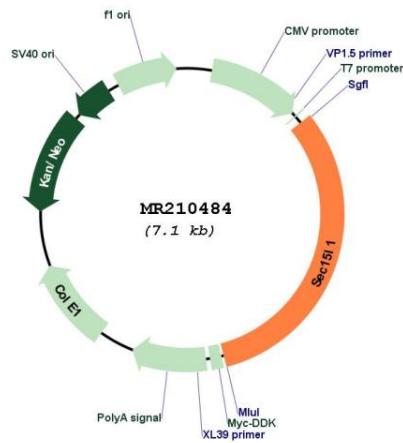
RefSeq ORF: 2267 bp

Locus ID: 107371

Cytogenetics: 19 32.32 cM

MW: 87.9 kDa

Product images:



Circular map for MR210484