

Product datasheet for MC214356

Sec22a (NM_133704) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sec22a (NM_133704) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sec22a
Synonyms: 1810005C06Rik; Sec22l2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214356 representing NM_133704
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCTATGATTTTGTCTGCCTCAGTCATTCGTGTGAGGGATGGACTACCGCTGTCTGCATCCACTGATT
 ATGAGCAGAGCACAGGAATGCAGGAGTGCAGAAAGTACTTTAAGATGCTGTCCAGGAACTTGCTCAATT
 TCCTGATAGATGTACACTGAAAACGGGGCGCTATAACATTAATTTTCATTAGCTCTCTGGGAGTGAGCTAC
 ATGATGTTGTGCACTGAGAATTATCCAAATGTTCTCGCCTTCTCTTTCTGGATGAGCTTCAGAAGGAGT
 TCATTACTACTTATAACATGATGAAGACAAATACTGCTGTGACACCATACTGTTTCATTGAATTTGATAA
 CTTTCATTAGAGGACCAAGCAGCGATATAATAATCCCAGGTCTCTTTCAACAAAAATAAATCTGTCTGAC
 ATGCAGATGGAAATCAAGCTGAGGCCCTTATCAAAATCCCAATGTGTGAACTGGGATCAGCAAATGGAG
 TCACATCTGCATTTTCTGTTGACTGTAAAGGTGCTGGTAAGATTTCTTCTGCCATCAGCGACTAGAACC
 AGCAACTCTGTGAGGGATTGTGGCGTTTATCCTTAGTCTTTATGTGGAGCTCTGAATTTAATTCGAGGC
 TTTCATGCCATAGAAAGCCTCCTGCAGAGTGTGGTGGAGATCTTAATTACATTATTGCATTTTCTCTTG
 GGACAGCAGCCTGCCTTTACCAGTGTTATTTACTTGTGTACTACACCAGCTGGCGGAATGTCAAGTCATT
 TCTGACTTTCGGCTTAATCTGTCTGTGCAACATGTATCTCTACGAACTGGCAACCTCTGGCAGCTTTTC
 TTTCATGTGACTGTGGAGCGTTTGTACTGACATCTGGCTGAGGCAAGCCCAAGGCAAGGCTCCTG
 ACCATGATGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133704
Insert Size: 924 bp



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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:	NM_133704.4 , NP_598465.2
RefSeq Size:	3992 bp
RefSeq ORF:	924 bp
Locus ID:	317717
UniProt ID:	Q8BH47
Cytogenetics:	16 B3
Gene Summary:	May be involved in vesicle transport between the ER and the Golgi complex.[UniProtKB/Swiss-Prot Function]