

Product datasheet for RN209412

Sec22a (NM_057147) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sec22a (NM_057147) Rat Untagged Clone
Tag: Tag Free
Symbol: Sec22a
Synonyms: Sec22l2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209412 representing NM_057147
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTCTATGATTTTATCCGCCTCAGTCGTGCGTGTGAGGGATGGATTACCGCTGTCTGCATCCACTGATT
GTGAACAGAGTGCAGGAGTGCAGGAGTGCAGGAAGTACTTTAAGATGCTCTCGAGGAAGCTTGCTCAATT
TCCTGATAGATGTACACTGAAAACCTGGACGCCATAACATTAATTTTATTAGCTCTCTCGCGTGAGCTAC
ATGATGTTGTGCACTGAAAATTATCCAAATGTTCTCGCCTTCTCTTTCTGGATGAGCTTCAGAAGGAGT
TCATTACTACTTATAACATGATGAAGACAAATACTGCTGTGACACCATACTGTTTCATTGAATTTGATAA
CTTCATTACAGAGGACCAAGCAGCGATATAATAATCCCAGGTCTCTTTCAACAAAAATAAATCTGTCTGAC
ATGCAGATGGAATCAAGCTGAGGCCCTTACCAATCCCAATGTGTGAACTGGGATCAGCCAATGGAG
TCACGCTGCATTTTCTGTTGACTGTAAAGGTGCTGGTAAGATTTCTTCTGCCACCAGCGACTAGAACC
AGCAACTCTGTGAGGATGTGGCATTATCCTTAGTCTTTATGTGGAGCTCTGAATTTAATTCGAGGC
TTTCATGCCATTGAAAGCCTCTGCAGAGTGTGGTGGAGCTTTAGTTACATGATTGCATTTTCTCTTG
GGACAGCGCCTGCCTTTACCAGTGTATTTACTGTGTACTACACCAGCTGGCGGAATGTCAAATCATT
CCTGACTTTTGGCTTAATCTGTCTTTGCAACATGTATCTCTACGAACCTCTGGCAGCTTTTC
TTTCATGTGACTGTGGGACATTTGTCACTGCAGATCTGGCTGAGGCAAGCCCAAGGCAAGGCTCCTG
ACCATGACGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_057147
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_057147.2 , NP_476488.2
RefSeq Size:	1661 bp
RefSeq ORF:	924 bp
Locus ID:	117513
UniProt ID:	Q642F4
Cytogenetics:	11q22
Gene Summary:	involved in vesicle trafficking between endoplasmic reticulum and Golgi apparatus [RGD, Feb 2006]