

Product datasheet for RN213696

Sec22b (NM_001025686) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sec22b (NM_001025686) Rat Untagged Clone
Tag: Tag Free
Symbol: Sec22b
Synonyms: Sec22I1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213696 representing NM_001025686
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTGCTGCTGACGATGATCGCCCGCTAGCGGACGGGCTTCTCTGGCCGCTCGATGCAGGAGGACG
 AGCAGTCAGGCCGGGACCTTCAGCAGTATCAGAGTCAGGCTAAGCAACTCTTTCGAAAGTTGAATGAACA
 GTCCCTACCAGATGTACCTTGAAGCAGGAGCCATGACTTTTCACTACATTATTGAGCAGGGGGTGTGT
 TACTTGGTTTTGTGTGAAGCTGCCTTCCCTAAGAAGTTGGCCTTTGCCTACCTAGAAAGACTTGCCTCGG
 AATTTGACGAGCAGCATGGGAAGAAGGTGCCCACTGTGTCTAGGCCCTATTCTTCATCGAGTTTGACAC
 CTTCAATCAGAAGACCAAGAACTCTACATTGATAGCCGTGCTCGGAGAAATCTCGGCTCCATCAACACC
 GAATTGCAAGATGTGCAGAGGATCATGGTGGCGAATATTGAAGAAGTCTACAGCGGGGAGAAGCACTCT
 CAGCATTGGATTGCAAGGCTAACAATTTGTCCAGTCTATCTAAGAAATACCGCCAGGATGCGAAGTACCT
 GAACATGCGTTCCACCTACGCCAAGCTTGACGAGTACCGGTGTTCTTCATCATGCTGATAGTGTATGTG
 CGGTTTTGGTGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025686
Insert Size: 648 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:	<u>NM_001025686.1</u> , <u>NP_001020857.1</u>
RefSeq Size:	1465 bp
RefSeq ORF:	648 bp
Locus ID:	310710
UniProt ID:	<u>Q4KM74</u>
Cytogenetics:	2q34
Gene Summary:	SNARE involved in targeting and fusion of ER-derived transport vesicles with the Golgi complex as well as Golgi-derived retrograde transport vesicles with the ER.[UniProtKB/Swiss-Prot Function]