# Vesicle-Trafficking Protein Sec22b (SEC22B) Pongo Abelii Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Vesicle-trafficking protein SEC22b (SEC22B), Recombinant Protein |
| **Full Product Name** | Recombinant Pongo abelii Vesicle-trafficking protein SEC22b (SEC22B), partial |
| **Product Gene Name** | SEC22B recombinant protein |
| **Product Synonym Gene Name** | SEC22B |
| **Sequence** | VLLTMIARV ADGLPLAASM QEDEQSGRDL QQYQSQAKQL FRKLNEQSPT RCTLEAGAMT FHYIIEQGVC YLVLCEAAFP KKLAFAYLED LHSEFDEQHG KKVPTVSRPY SFIEFDTFIQ KTKKLYIDSR ARRNLGSINT ELQDVQRIMV ANIEEVLQRG EALSALDSKA NNLSSLSKKY RQDAKYLNMR STYA |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 24,741 Da |
| **Sequence Positions** | 2-194 |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q5RAI9 |
| **Species** | Pongo abelii (Sumatran orangutan) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for SEC22B recombinant protein** | MBS1335220 is a recombinant protein targeting SEC22B. Also known as Recombinant Pongo abelii Vesicle-trafficking protein SEC22b (SEC22B), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of SEC22B recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SEC22B. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 197101735 |
| **NCBI GeneID** | 100172644 |
| **NCBI Accession #** | NP_001125720.1 |
| **UniProt Primary Accession #** | Q5RAI9 |
| **UniProt Related Accession #** | Q5RAI9 |

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| **GenBank Nucleotide #** | NM_001132248.1 |
| **NCBI Official Full Name** | vesicle-trafficking protein SEC22b |
| **NCBI Official Symbol** | SEC22B |
| **NCBI Official Synonym Symbols** | SEC22L1 |
| **UniProt Protein Name** | Vesicle-trafficking protein SEC22b |
| **UniProt Synonym Protein Names** | SEC22 vesicle-trafficking protein homolog B; SEC22 vesicle-trafficking protein-like 1 |
| **Protein Family** | Vesicle-trafficking protein |
| **UniProt Gene Name** | SEC22B |
| **UniProt Synonym Gene Names** | SEC22L1 |
| **NCBI Protein Information** | vesicle-trafficking protein SEC22b |
| **UniProt Comments for SEC22B** | 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. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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