

## SEC61G Antibody (Center) Blocking peptide

Synthetic peptide Catalog # BP5846c

## **Specification**

## SEC61G Antibody (Center) Blocking peptide - Product Information

Primary Accession P60059

Other Accession <u>NP\_001012474.1</u>, <u>NP\_055117.1</u>

## SEC61G Antibody (Center) Blocking peptide - Additional Information

Gene ID 23480

#### **Other Names**

Protein transport protein Sec61 subunit gamma, SEC61G

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

## **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

## SEC61G Antibody (Center) Blocking peptide - Protein Information

### Name SEC61G

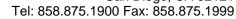
## **Function**

Component of SEC61 channel-forming translocon complex that mediates transport of signal peptide-containing precursor polypeptides across the endoplasmic reticulum (ER) (By similarity). Forms a ribosome receptor and a gated pore in the ER membrane, both functions required for cotranslational translocation of nascent polypeptides (By similarity). The SEC61 channel is also involved in ER membrane insertion of transmembrane proteins: it mediates membrane insertion of the first few transmembrane segments of proteins, while insertion of subsequent transmembrane regions of multi-pass membrane proteins is mediated by the multi-pass translocon (MPT) complex (PubMed:<a href="http://www.uniprot.org/citations/32820719" target="\_blank">32820719</a>, PubMed:<a href="http://www.uniprot.org/citations/36261522" target="\_blank">36261522</a>/a>). The SEC61 channel cooperates with the translocating protein TRAM1 to import nascent proteins into the ER (By similarity).

### **Cellular Location**

Endoplasmic reticulum membrane; Single-pass membrane protein







# SEC61G Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides

SEC61G Antibody (Center) Blocking peptide - Images