

SEC61G Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5846c**Specification**

SEC61G Antibody (Center) Blocking peptide - Product Information

Primary Accession [P60059](#)
Other Accession [NP_001012474.1](#), [NP_055117.1](#)

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: [32820719](http://www.uniprot.org/citations/32820719), PubMed: [36261522](http://www.uniprot.org/citations/36261522)). 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