

Product Information

MemDX™ Membrane Protein Human SEC61B (SEC61 translocon subunit beta) Full Length

Cat. No.: **MPC2283K**

This product is for research use only and is not intended for diagnostic use.

This product is a 9.9 kDa Human SEC61B membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SEC61B

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

9.9 kDa

TMD

1

Sequence

MPGPTPSGTVNGSSGRSPSKAVAARAAGSTVRQRKNASCGTRSAGRTTSA
GTGGMWRFYTEDSPGLKVGVPVVLVMSLLFIASVFMLHIWGKYTRS

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SEC61B

Full Name

SEC61 translocon subunit beta

Introduction

The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. Oligomers of the Sec61 complex form a transmembrane channel where proteins are translocated across and integrated into the ER membrane. This complex consists of three membrane proteins- alpha, beta, and gamma. This gene encodes the beta-subunit protein. The Sec61 subunits are also observed in the post-ER compartment, suggesting that these proteins can escape the ER and recycle back. There is evidence for multiple polyadenylated sites for this transcript.

Alternative Names

SEC61B; protein transport protein Sec61 subunit beta; SEC61 translocon beta subunit; Sec61 beta subunit; Sec61 complex, beta subunit; protein translocation complex beta; protein transport protein SEC61 beta subunit; SEC61 translocon subunit beta

Gene ID

[10952](#)

UniProt ID

[P60468](#)