

Product Information

MemDX™ Membrane Protein Human SEC61B (SEC61 translocon subunit beta) for Antibody

Discovery

Cat. No.: **MP0019Q**

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

This product is a 9.4 kDa Human SEC61B membrane protein expressed in E. coli. 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

Partial

Protein Class

Transmembrane

Molecular Weight

9.4 kDa

TMD

1

Sequence

MGSSHHHHHHSSGLVPRGSHMGSMGPTPSGTNVGSSGRSPSKAVAARAAGSTVRQRKNASCGTRSAGRTTSAGTGGMWRFY

Product Description

Expression Systems

E. coli

Tag

His

Form

Powder

Purification

Conventional chromatography

Purity

>85% by SDS - PAGE

Buffer

20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Storage

Store at +4°C for up to one week or several months at -80°C

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

OTTHUMP00000021784; Protein translocation complex beta; Sec61 beta subunit; Sec61 complex, Beta subunit; SEC61 translocon beta subunit; protein transport protein SEC61 beta subunit; Protein transport protein Sec61 subunit beta

Gene ID

[10952](#)

UniProt ID

[P60468](#)