
Product Information

MemDX™ Membrane Protein Human SEC61G (SEC61 translocon subunit gamma) Full

Length

Cat. No.: **MPC1913K**

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

This product is a 7.7 kDa Human SEC61G 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

SEC61G

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

7.7 kDa

TMD

1

Sequence

MDQVMQFVEPSRQFVKDSIRLVKRCTKPDRKEFQKIAMATAIGFAIMGFI
GFFVKLIHIPINNIIVGG

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

SEC61G

Full Name

SEC61 translocon subunit gamma

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 gamma-subunit protein. Alternatively spliced transcript variants encoding the same protein have been identified.

Alternative Names

SEC61G; SSS1; protein transport protein Sec61 subunit gamma; SEC61 translocon gamma subunit; Sec61 gamma subunit; protein transport protein SEC61 gamma subunit; SEC61 translocon subunit gamma

Gene ID

[23480](#)

UniProt ID

[P60059](#)