

Product Information

MemDX™ Membrane Protein Human SEC61A1 (SEC61 translocon subunit alpha 1) for Antibody Discovery

Cat. No.: **MP1116X**

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

This product is a 72.4 kDa Human SEC61A1 membrane protein expressed in *In vitro* wheat germ expression system. 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

SEC61A1

Protein Length

Full-length

Molecular Weight

72.4 kDa

TMD

10

Sequence

MSSDSADPFYWMRVILASNRGTLMELGISPIVTSGLIMQLLAGAKIIEVGDTPKDRALFNGAQKLFGLMIITIGQSIVYVMTGMYGDPSE

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

In vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

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

Target**Target Protein**

SEC61A1

Full Name

SEC61 translocon subunit alpha 1

Introduction

The protein encoded by this gene belongs to the SECY/SEC61- alpha family. It appears to play a crucial role in the insertion of secretory and membrane polypeptides into the endoplasmic reticulum. This protein found to be tightly associated with membrane-bound ribosomes, either directly or through adaptor proteins. This gene encodes an alpha subunit of the heteromeric SEC61 complex, which also contains beta and gamma subunits.

Alternative Names

HNLFJ4; SEC61; HSEC61; SEC61A; protein transport protein Sec61 subunit alpha isoform 1; SEC61 translocon alpha 1 subunit; Sec61 alpha 1 subunit; Sec61 alpha-1; protein transport protein SEC61 alpha subunit; protein transport protein Sec61 subunit alpha; sec61 homolog

Gene ID

[29927](#)

UniProt ID

[P61619](#)