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Product Information

MemDX™ Membrane Protein Human RER1 (Retention in endoplasmic reticulum sorting receptor 1) expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1077X**
This product is for research use only and is not intended for diagnostic use.

This product is a 47.19 kDa Human RER1 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
RER1

Protein Length
Full-length

Molecular Weight
47.19 kDa

TMD
3

Sequence
MSEGDSVGESVHGKPSVVYRFFTRLGQIYQSWLDKSTPYTAVRWVVTLGLSFVYMIRVYLLQGWYIVTYALGIYHLNLFIAFLSPKVD

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

RER1

Full Name

Retention in endoplasmic reticulum sorting receptor 1

Introduction

The protein encoded by this gene is a multi-pass membrane protein that is localized to the golgi apparatus. It is involved in the retention of endoplasmic reticulum (ER) membrane proteins in the ER and retrieval of ER membrane proteins from the early Golgi compartment to facilitate gamma-secretase complex assembly.

Alternative Names

protein RER1; RER1 retention in endoplasmic reticulum 1 homolog

Gene ID

11079

UniProt ID

O15258

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