

Product Information

MemDX™ Membrane Protein Human PDLIM5 (PDZ and LIM domain 5) for Antibody

Discovery

Cat. No.: **MP1010X**

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

This product is a 91.30 kDa Human PDLIM5 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

PDLIM5

Protein Length

Full-length

Molecular Weight

91.30 kDa

Sequence

MSNYSVSLVGPAPWGFRLQGGKDFNMPLTISSLKDGKAAQANVRIGDVVLSIDGINAQGMTHLEAQNKIKGCTGSLNMTLQRASA

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 in the elution buffer

Storage

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

Target

Target Protein

PDLIM5

Full Name

PDZ and LIM domain 5

Introduction

This gene encodes a member of a family of proteins that possess a 100-amino acid PDZ domain at the N terminus and one to three LIM domains at the C-terminus. This family member functions as a scaffold protein that tethers protein kinases to the Z-disk in striated muscles. It is thought to function in cardiomyocyte expansion and in restraining postsynaptic growth of excitatory synapses. Alternative splicing of this gene results in multiple transcript variants.

Alternative Names

L9; ENH; LIM; ENH1; PDZ and LIM domain protein 5; enigma homolog; enigma-like LIM domain protein; enigma-like PDZ and LIM domains protein

Gene ID

[10611](#)

UniProt ID

[Q96HC4](#)