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Product Information

MemDX™ Membrane Protein Human TRARG1 (Trafficking regulator of GLUT4 (SLC2A4) 1)

Cat. No.: **MP0219J**
This product is for research use only and is not intended for diagnostic use.

This product is a 19.1 kDa Human TRARG1 membrane protein expressed in HEK293T. 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
TRARG1

Protein Length
Full-length

Protein Class
Transmembrane

Molecular Weight
19.1 kDa

TMD
1

Sequence
MAHPVQSEFPSAQEPGSAASLDLPEMEILLTKAENKDDKTLNLSKTLSGPLDLEQNGQGLPFKAISEGHL
EAPLPRSPSRASSRRASSIATTSYAQDQEAPRDYLILAVVACFCPVWPLNLIPLIISIMSRSSMQQGNVD
GARRLGRLARLLSITLIIMGIVIIMVAVTVNFTVQKK

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form
Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target

Target Protein

TRARG1

Full Name

Trafficking regulator of GLUT4 (SLC2A4) 1

Introduction

Regulates insulin-mediated adipose tissue glucose uptake and transport by modulation of SLC2A4 recycling. Not required for SLC2A4 membrane fusion upon an initial stimulus, but rather is necessary for proper protein recycling during prolonged insulin stimulation.

Alternative Names

BEC-1; DSPB1; LOST1; TUSC5; IFITMD3; trafficking regulator of GLUT4 1; dispanin subfamily B member 1; interferon induced transmembrane protein domain containing 3; located at seventeen p thirteen point three 1; tumor suppressor candidate 5

Gene ID

286753

UniProt ID

Q8IXB3

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