SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human OCLN (Occludin) Full Length

Cat. No.: **MPC2353K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human OCLN 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
OCLN

Protein Length
Full length

Protein Class
Transporter

TMD
4

Sequence
MSSRPLESPPPYRPDEFKPNHYAPSNDIYGGEMHVRPMLSQPAYSFYPED
EILHFYKWTSPPGVIRILSMLIIVMCIAIFACVASTLAWDRGYGTSLLGG
SVGYPYGGSGFGSYGSGYGYGYGYGYGYGGYTDPRAAKGFMLAMAAFCFI
AALVIFVTSVIRSEMSRTRRYYLSVIIVSAILGIMVFIATIVYIMGVNPT
AQSSGSLYGSQIYALCNQFYTPAATGLYVDQYLYHYCVVDPQEAIAIVLG
FMIIVAFALIIFFAVKTRRKMDRYDKSNILWDKEHIYDEQPPNVEEWVKN
VSAGTQDVPSPPSDYVERVDSPMAYSSNGKVNDKRFYPESSYKSTPVPEV
VQELPLTSPVDDFRQPRYSSGGNFETPSKRAPAKGRAGRSKRTEQDHYET
DYTTGGESCDELEEDWIREYPPITSDQQRQLYKRNFDTGLQEYKSLQSEL
DEINKELSRLDKELDDYREESEEYMAAADEYNRLKQVKGSADYKSKKNHC
KQLKSKLSHIKKMVGDYDRQKT

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

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

OCLN

Full Name

Occludin

Introduction

This gene encodes an integral membrane protein that is required for cytokine-induced regulation of the tight junction paracellular permeability barrier. Mutations in this gene are thought to be a cause of band-like calcification with simplified gyration and polymicrogyria (BLC-PMG), an autosomal recessive neurologic disorder that is also known as pseudo-TORCH syndrome. Alternative splicing results in multiple transcript variants. A related pseudogene is present 1.5 Mb downstream on the q arm of chromosome 5.

Alternative Names

OCLN; BLCPMG; PTORCH1; PPP1R115; phosphatase 1, regulatory subunit 115; Occludin

Gene ID

100506658

UniProt ID

Q16625

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