

Product Information

MemDX™ Membrane Protein Human GLDN (Gliomedin) Full Length

Cat. No.: **MPC0548K**

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

This product is a 58.9 kDa Human GLDN 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

GLDN

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

58.9 kDa

TMD

1

Sequence

MARGAEGGRGDAGWGLRGALAAVALLSALNAAGTVFALCQWRGLSSALRA
LEAQRGREQREDSALRSFLAELSRAPRGASAPPQDPASSARNKRSHSGEP
APHIRAESHDMMLMMMTYSMVPIRVMVDLCNSTKGICLTGPSGPPGPPGAG
GLPGHNGLDGQPGPQGPKEKGANGKRGKMGIPGAAGNPGERGEKGDHGE
LGLQGNEGPPGQKGEKGDKGDVSNVLLAGAKGDQPPGPPGPPGPPGPP
GPPGSRRAKGPRQPSMFNGQCPGETCAIPNDDTLVGKADEKASEHHSPQA
ESMITSIGNPVQVLKVTETFGTWIRESANKSDDRIWVTEHFGSIMVKEFK
DQPSLLNGSYTFIHLPPYFHGCGHVYNNLSLYHKGGSNTLVRFEFGQET
SQTCLKENALYFDRKYL FANSKTYFNLA VDEKGLWIIYASSVDGSSILVA
QLDERTFSVVQHVNTTYPKSKAGNAFIARGILYVTDTKDMRVTF AFDLLG
GKQINANFDLRTSQSVLAMLAYNMRDQHLYSWEDGHLMLYPVQFLSTTLN
Q

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

GLDN

Full Name

Gliomedin

Introduction

This gene encodes a protein that contains olfactomedin-like and collagen-like domains. The encoded protein, which exists in both transmembrane and secreted forms, promotes formation of the nodes of Ranvier in the peripheral nervous system. Mutations in this gene cause a form of lethal congenital contracture syndrome in human patients. Autoantibodies to the encoded protein have been identified in sera from patients with multifocal motor neuropathy.

Alternative Names

CLOM; COLM; CRGL2; CRG-L2; LCCS11; UNC-112; UNC-122; gliomedin; collomin; colmedin; GLDN; Gliomedin

Gene ID

[342035](#)

UniProt ID

[Q6ZMI3](#)